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ABSTRACT

In 1993 over one hundred respondents submitted data in response to the National Science Foundation's annual survey of federal funds for research and development. Agencies reported their data as obligations and outlays incurred or expected to be incurred regardless of when they were appropriated. These tables present data for 33 agencies for fiscal years 1992-1994. Research and development (RD) totals are given in outlays and obligations, further characterized in these terms: (1) nature of work (basic research, applied research, and development); (2) performer; (3) field of science or engineering; and (4) federal RD funding by state. Obligations for research performance at universities and colleges by fields of science or engineering are also shown, as are RD plant data. Data are summarized in 153 tables. Appendix A lists agencies included in the annual survey for volumes 23 through the present volume 42. (SLD)

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Federal Funds for Research and Development

Fiscal Years 1992, 1993, and 1994

Volume 42

Detailed Statistical Tables

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Division of Science Resources Studies
Directorate for Social, Behavioral and Economic Sciences

National Science Foundation
NSF 94-328

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NATIONAL SCIENCE FOUNDATION
4201 WILSON BOULEVARD
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Note to Data Users

NSF is considering eliminating the following items from future volumes of *Federal Funds for Research and Development:*

1. The two estimated years data for outlays and obligations for all data items;
2. Subcategories of fields of science and engineering. For example, "Life sciences, Total" would be reported but Biological, Environmental Biology, Agricultural, Medical and Life Sciences, n.e.c., would be eliminated;
3. All data by foreign countries;
4. "Special currency" data; and
5. All data by individual States.

See the reverse side of this page for a list of the affected tables. If you have any comments on the deletion of these items, please write to—

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Variables Considered for Elimination. Data items are identified, including affected tables in *Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994.*

Estimates for both estimated outyears (detail now reported for individual agencies).
- Two-year estimates of R&D obligation and outlay totals for all Federal agencies; 1, 2, 3
- Character of work (basic research, applied research, development); 5, 6
- By performer (separate tables for total R&D, basic research, applied research, total research, development, and R&D plant); 8, 9 16, 17, 35, 36, 54, 55; 73, 74, 77, 78
- Total R&D and R&D plant, by individual FFRDCs; 11, 12
- Research of all performers, by 8 broad fields of science and engineering (S&E) (separate tables for basic, applied, and total research); 20, 21, 39, 40, 58, 59
- Research of all performers, by detailed fields of science and engineering (separate tables for basic, applied, and total research); 23, 24, 26, 27, 29, 30, 32, 33, 42, 43, 45, 46, 48, 49,51, 52, 61, 62, 64, 65, 67, 68, 70, 71
- Research performed at universities and colleges by 8 broad fields of science and engineering (separate tables for basic, applied, and total research); 81, 82, 97, 98, 113, 114
- Research performed at universities and colleges, by detailed fields of science and engineering (separate tables for basic, applied, and total research); 79, 84, 85, 87, 88, 90, 91, 93, 94, 95, 100, 101, 103, 104, 106, 107, 109, 110, 111, 116, 117, 119, 120, 122, 123, 125, 126.

Subcategories of fields of science and engineering (detail now reported for individual agencies). Data would continue to be collected for 8 broad fields of science and engineering, including (1) research of all performers and (2) research performed at universities and colleges. In addition to the outyear estimates identified above, actual historical data would be discontinued for:
- Research of all performers, by detailed fields of science and engineering (separate tables for basic, applied, and total research); 18, 22, 25, 28, 31, 37, 41, 44, 47, 50, 56, 60, 63, 66, 69
- Research performed at universities and colleges, by detailed fields of science and engineering (separate tables for basic, applied, and total research); 79 83, 86, 89, 92, 95, 99, 102, 105, 108, 111, 115, 118, 121, 124.

All data for specific foreign countries (detail now reported for individual agencies). R&D to all foreign performers combined would continue to be collected as part of the R&D by performer tables. Eliminated would be:
- R&D to foreign performers, by region and country (actual year); 127
- Basic research to foreign performers, by region and country (actual year); 128.

All data for the special foreign currency program (detail now reported for individual agencies).
- R&D to foreign performers and amount supported through the special foreign currency program (separate tables for total R&D, basic, applied, and development; includes actual year and outyear estimates); 129, 130, 131, 132.

All data for States and geographic regions (detail now reported for individual agencies).
- Total R&D, by State and performer; 133, 134, 135, 136
- R&D plant, by State and performer; 137, 138.

Federal Funds for Research and Development

Fiscal Years 1992, 1993, and 1994

Volume 42

Detailed Statistical Tables

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Directorate for Social, Behavioral and Economic Sciences

National Science Foundation

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Contributors

Data collection, preparation, and tabulations were performed by Quantum Research Corp. for the National Science Foundation. The Project Officer for this report was Ronald L. Meeks.

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NOTE

For trend comparison, use only the historical data for fiscal years 1973-94 contained in tables C-143 through C-163 in this Federal Funds, Volume XLII series. These tables incorporate changes in prior year data made by the agencies to reflect program reclassifications. Do not use data published earlier.

GENERAL NOTES

Data in the tables of this publication were derived from the Survey of Federal Funds for Research and Development, Volume XLII, for fiscal years 1992-94. They reflect research and development (R&D) funding levels as reported by 33 Federal agencies in March through October 1993. All agencies that conduct R&D programs were surveyed.

R&D totals in these tables are given in both outlays and obligations. The R&D obligation data are further categorized according to character of work (basic research, applied research, and development), performer, field of science or engineering (for research but not for development), and Federal R&D funding by State. Obligations for research performance at universities and colleges by fields of science or engineering are also shown, as are R&D plant data.

The amounts reported for each year are expressed in obligations or outlays incurred, or expected to be incurred, in that year, regardless of when the funds may have been authorized, appropriated, or received by an agency and regardless of whether the funds are identified in an agency's budget specifically for research, development, or R&D plant.

Data for 1992 are actual, representing completed transactions. Data for 1993 and 1994 are estimated because they do not represent final actions. The Survey of Federal Funds for Research and Development was conducted during the third quarter of fiscal year 1993.

The amounts reported for 1993 reflect congressional appropriation actions as of that period, as well as apportionment and reprogramming decisions as of that time. Data for 1994 represent administration budget proposals that had not been acted on. Authorization, appropriation, deferral, and apportionment actions that were completed after these data were collected will be reflected in later surveys of this series.

Accuracy of the data depends in part on the judgment of the respondent. Since many agency R&D programs are not identified as budget line items, agency officials must identify R&D and R&D plant activities within broader programs. Over the years personnel of the participating agencies have developed increasing skill and consistency in meeting the survey requirements, and their interaction with the National Science Foundation staff has considerably increased the reliability of the data.

Inquiries relating to *Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994, Volume XLII,* should be directed to—

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SECTION A.

TECHNICAL NOTES

SCOPE AND METHOD

During the period March through October 1993, a total of 33 Federal agencies and their subdivisions—103 individual respondents—submitted data in response to the National Science Foundation's (NSF) annual Survey of Federal Funds for Research and Development (Federal Funds Survey), which was distributed in March 1993. The agencies reported their data as obligations and outlays incurred, or expected to be incurred, regardless of when the funds were appropriated or whether they were identified in the respondents' budgets specifically for research and development (R&D) activities.

Only those agencies that had obligations in the variables represented by a particular table appear in that table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

DEFINITIONS

The definitions are essentially unchanged from those used in past Federal Funds Surveys.

1. An **agency** is an organization of the Federal Government whose principal executive officer reports to the President. The Library of Congress is also included in the survey, even though its chief officer reports to Congress. **Subdivision** refers to any organizational unit of a reporting agency, such as a bureau, division, office, or service.

2. **Obligations** and **outlays** reported are consistent with figures shown for fiscal years 1992, 1993, and 1994 appearing in *The Budget of the United States Government, Fiscal Year 1994*. The R&D data in both agency submissions were based on the same definitions and are reconcilable.

   Obligations represent the amounts for orders placed, contracts awarded, services received, and similar transactions during a given period, regardless of when the funds were appropriated and when future payment of money is required.

   Outlays represent the amounts for checks issued and cash payments made during a given period, regardless of when the funds were appropriated.

   Obligations and outlays cover all transactions that occurred in fiscal year 1992 and those estimated for fiscal years 1993 and 1994. The data include all Federal funds available to an agency that the agency received or expects to receive from direct appropriations, trust funds, and special account receipts, corporate income, or other sources, including funds appropriated to the President.

   The amounts shown for each year reflect obligations or outlays for that year regardless of when the funds were originally authorized or received and regardless of whether or not they were appropriated, received, or identified in the agency's budget specifically for research, development, or R&D plant.

   In reporting its obligations or outlays, **each agency includes the amounts transferred to other agencies for support of research and development. The receiving agencies do not report funds transferred to them.** Similarly, a subdivision of an agency that transfers funds to another subdivision within that agency reports such obligations or outlays as its own.

   Obligations and outlays for R&D performed for an agency in foreign countries include all funds available to the agency for this purpose, including funds separately appropriated for special foreign currency programs.

Funds reported for research and development reflect full cost coverage. In addition to costs of specific R&D projects, the applicable overhead costs are also included. The amounts reported include the costs of planning and administering R&D programs, laboratory overhead, pay of military personnel, and departmental administration.

3. The **fiscal year** in the Federal Government accounting period begins October 1 of a given year and ends September 30 of the following year; thus, fiscal year 1992 began on October 1, 1991, and ended September 30, 1992.

4. **Research, development, and R&D plant** include all direct, incidental, or related costs resulting from, or necessary to, performance of R&D and costs of R&D plant, defined as follows, regardless of whether the R&D is performed by a Federal agency (intramurally) or by private individuals and organizations under grant or contract (extramurally). R&D excludes routine product testing, quality control, mapping and surveys, collection of general purpose statistics, experimental production, and the training of scientific personnel.

    a. **Research** is systematic study directed toward fuller scientific knowledge or understanding of the subject studied. Research is classified as either basic or applied according to the objectives of the sponsoring agency.

    In **basic research** the objective of the sponsoring agency is to gain more complete knowledge or understanding of the fundamental aspects of phenomena and of observable facts, without specific applications toward processes or products in mind.

    In **applied research** the objective of the sponsoring agency is to gain knowledge or understanding necessary for determining the means by which a recognized need may be met.

    b. **Development** is systematic use of the knowledge or understanding gained from research, directed toward the production of useful materials, devices, systems, or methods, including design and development of prototypes and processes. It excludes quality control, routine product testing, and production.

    c. **Demonstration activities** that are part of R&D (i.e., that are intended to prove or to test whether a technology or method does in fact work) are included. Demonstrations intended primarily to make information available about new technologies or methods are not included.

    d. **R&D plant** (R&D facilities and fixed equipment, such as reactors, wind tunnels, and particle accelerators) includes acquisition of, construction of, major repairs to, or alterations in structures, works, equipment, facilities, or land for use in R&D activities at Federal or non-Federal installations. Excluded from the R&D plant category are expendable or movable equipment (e.g., spectrometers, microscopes) and office furniture and equipment. Also excluded are the costs of predesign studies (e.g., those undertaken before commitment to a specific facility). These excluded costs are reported under total conduct of research and development. Obligations for foreign R&D plant are limited to Federal funds for facilities abroad and are used in support of foreign research and development.

5. **Fields of science and engineering** in this survey consist of eight broad field categories, each consisting of a number of detailed fields. The broad fields are (1) life sciences; (2) psychology; (3) physical sciences; (4) environmental sciences; (5) mathematics and computer sciences; (6) engineering; (7) social sciences; and (8) other sciences, not elsewhere classified. The term "not elsewhere classified" (n.e.c.) is used for multidisciplinary projects within a broad field and for single-discipline projects for which a separate field has not been assigned. The following list presents the detailed fields grouped

under each of the broad fields, together with illustrative disciplines of detailed fields.

The illustrative disciplines are intended to be guidelines, not sharp definitions. They represent examples of disciplines generally classified under each detailed field. A discipline under one detailed field may be classified under another detailed field when the major emphasis is elsewhere. Research in biochemistry, for example, might be reported as biological, agricultural, or medical, depending on the orientation of the project. Human biochemistry would be classified under biological, but animal biochemistry or plant biochemistry would fall under agricultural. In no case is the research reported under more than one field. No double-counting is intended or allowed.

a. **Life sciences** consist of five detailed fields: biological (excluding environmental); environmental biology; agricultural; medical; and life sciences, n.e.c. Examples of the disciplines under each of these fields are as follows:

   Biological (excluding environmental): anatomy; biochemistry; biology; biometry and biostatistics; biophysics; botany; cell biology; entomology and parasitology; genetics; microbiology; neuroscience (biological); nutrition; physiology; zoology; other biological, n.e.c.

   Environmental biology: ecosystem sciences; evolutionary biology; limnology; physiological ecology; population biology; population and biotic community ecology; systematics; other environmental biology, n.e.c.

   Agricultural: agronomy; animal sciences; food science and technology; fish and wildlife; forestry; horticulture; plant sciences; soils and soil science; phytopathology; phytoproduction; general agriculture; other agriculture, n.e.c.

   Medical: internal medicine; neurology; obstetrics and gynecology; ophthalmology; otolaryngology; pediatrics; preventive medicine; pathology; pharmacology; psychiatry; radiology; surgery; dentistry; pharmacy; veterinary medicine; other medical, n.e.c.

   Life sciences, n.e.c.

b. **Psychology** deals with behavior, mental processes, and individual and group characteristics and abilities. Psychology in this survey is divided into three categories: biological aspects; social aspects; and psychological sciences, n.e.c. Examples of the disciplines under each of these fields are as follows:

   Biological aspects: experimental psychology; animal behavior; clinical psychology; comparative psychology; ethology

   Social aspects: social psychology; educational, personnel, and vocational psychology and testing; industrial and engineering psychology; development and personality

   Psychological sciences, n.e.c.

c. **Physical sciences** are concerned with understanding of the material universe and its phenomena. They comprise the fields of astronomy; chemistry; physics; and physical sciences, n.e.c. Examples of disciplines under each of these fields are as follows:

   Astronomy: laboratory astrophysics; optical astronomy; radio astronomy; theoretical astrophysics; X-ray, gamma-ray, and neutrino astronomy

   Chemistry: inorganic; organo-metallic; organic; physical

Physics: acoustics; atomic and molecular; condensed matter; elementary particle; nuclear structure; optics; plasma

Physical sciences, n.e.c.

d. **Environmental sciences** (terrestrial and extraterrestrial) are, with one exception, concerned with the gross nonbiological properties of the areas of the solar system that directly or indirectly affect human survival and welfare. The one exception is that obligations for studies pertaining to life in the sea or other bodies of water are reported as support of oceanography and not biology. Environmental sciences comprise the fields of atmospheric sciences; geological sciences; oceanography; and environmental sciences, n.e.c. Examples of disciplines under each of these fields are as follows:

Atmospheric sciences: aeronomy; solar; weather modification; extraterrestrial atmospheres; meteorology

Geological sciences: engineering geophysics; general geology; geodesy and gravity; geomagnetism; hydrology; inorganic geochemistry; isotopic geochemistry; organic geochemistry; laboratory geophysics; paleomagnetism; paleontology; physical geography and cartography; seismology; soil sciences

Oceanography: biological oceanography; chemical oceanography; physical oceanography; marine geophysics

Environmental sciences, n.e.c.

e. **Mathematics and computer sciences** employ logical reasoning with the aid of symbols and are concerned with the development of methods of operation employing such symbols and, in the case of computer sciences, with the application of such methods to automated information systems. Examples of disciplines under these fields are as follows:

Mathematics: algebra; analysis; applied mathematics; foundations and logic; geometry; numerical analysis; statistics; topology

Computer sciences: programming languages; computer and information sciences (general); design, development, and application of computer capabilities to data storage and manipulation; information sciences and systems; systems analysis

Mathematics and computer sciences, n.e.c.

f. **Engineering** is concerned with studies directed toward developing engineering principles or toward making specific principles usable in engineering practice. Engineering in this survey is divided into eight fields: aeronautical; astronautical; chemical; civil; electrical; mechanical; metallurgy and materials; and engineering, n.e.c. Examples of disciplines under each of these fields are as follows:

Aeronautical: aerodynamics

Astronautical: aerospace; space technology

Chemical: petroleum; petroleum refining; process

Civil: architectural; hydraulic; hydrologic; marine; sanitary and environmental; structural; transportation

Electrical: communication; electronic; power

Mechanical: engineering mechanics

Metallurgy and materials: ceramic; mining; textile; welding

Engineering, n.e.c.: agricultural; bioengineering; biomedical; industrial and management; nuclear; ocean; systems

g. **Social sciences** are directed toward an understanding of the behavior of social institutions and groups and of individuals as members of a group. Social sciences include anthropology; economics; political science; sociology; and social sciences, n.e.c. Examples of disciplines under the fields of social science are as follows:

Anthropology: archaeology; cultural and personality; social and ethnology; applied anthropology

Economics: econometrics and economic statistics; history of economic thought;, international economics; industrial, labor, and agricultural economics; macroeconomics, microeconomics; public finance and fiscal policy; theory; economic systems and development

Political science: area or regional studies; comparative government; history of political ideas; international relations and law; national political and legal systems; political theory; public administration

Sociology: comparative and historical; complex organizations; culture and social structure; demography; group interactions; social problems and social welfare; sociological theory

Social sciences, n.e.c.: linguistics; research in education; research in history; socioeconomic geography; research in law (e.g., attempts to assess impact on society of legal systems and practices)

h. **Other sciences, n.e.c.:** This category is used for multidisciplinary or interdisciplinary projects that cannot be classified within one of the broad fields of science already listed.

6. A **performer** is either an intramural group or organization carrying out an operational function or an extramural organization or person receiving support or providing services under a contract or grant.

a. **Intramural performers** are the agencies of the Federal Government. Their work is carried on directly by agency personnel. Obligations reported under this category are for activities performed or to be performed by the reporting agency itself or represent funds that the agency transfers to another Federal agency for performance of work **as long as the ultimate performer is that agency or any Federal agency**. If the ultimate performer is not a Federal agency, the funds so transferred are reported by the transferring agency under the appropriate extramural performer category (universities and colleges, other nonprofit institutions, or industrial firms).

NOTE: Intramural activities cover not only the actual intramural R&D performance, but also the costs associated with the planning and administration of both intramural and extramural programs by Federal personnel. Intramural activities also include the costs of supplies and equipment, essentially of an "off-the-shelf" nature, that are procured for use in intramural R&D. For example, the purchase from an extramural source of an operational launch vehicle (i.e., one that has gone beyond the development or prototype stage) that is used for intramural performance of R&D is reported as a part of the cost of intramural R&D.

b. **Extramural performers** are organizations outside the Federal sector that perform R&D with Federal funds under contract, grant, or cooperative agreement. Only those costs associated with actual R&D performance are reported, but these costs would include costs of materials and supplies to carry out R&D activities. Note, however, that the costs of off-the-shelf supplies and equipment required to support intramural R&D and procured from extramural suppliers are considered as part of the costs of intramural performance and not as part of the costs of extramural performance.

Extramural performers are identified as follows:

i. **Industrial firms:** Organizations that may legally distribute net earnings to individuals or to other organizations.

ii. **Universities and colleges:** Institutions engaged primarily in providing resident and/or accredited instruction for at least a 2-year program above the secondary school level. Included are colleges of liberal arts; schools of arts and sciences; professional schools, as in engineering and medicine, including affiliated hospitals and associated research institutes; and agricultural experiment stations.

iii. **Other nonprofit institutions:** Private organizations other than educational institutions whose net earnings in no part inure to the benefit of a private stockholder or individual and other private organizations organized for the exclusive purpose of turning over their entire net earnings to such nonprofit organizations.

iv. **Federally funded research and development centers (FFRDCs):** R&D-performing organizations that are exclusively or substantially financed by the Federal Government and are supported by the Federal Government either to meet a particular R&D objective or, in some instances, to provide major facilities at universities for research and associated training purposes. Each center is administered either by an industrial firm, a university, or another nonprofit institution.

In general, all of the following criteria are met by an organization that is included in the FFRDC category:

(1) Its primary activities include one or more of the following: basic research, applied research, development, or management of research and development (specifically excluded are organizations engaged primarily in routine quality control and testing, routine service activities, production, mapping and surveys, and information dissemination);

(2) It is a separate operational unit within the parent organization or is organized as a separately incorporated organization;

(3) It performs actual research and development or R&D management either upon direct request of the Federal Government or under a broad charter from the Federal Government but in either case under the direct monitorship of the Federal Government;

(4) It receives its major financial support (70 percent or more) from the Federal Government, usually from one agency;

(5) It has, or is expected to have, a long-term relationship with its

sponsoring agency (about 5 years or more), as evidenced by specific obligations assumed by it and the agency;

(6) Most or all of its facilities are owned by, or are funded under contract with, the Federal Government; and

(7) It has an average annual budget (operating and capital equipment) of at least $500,000.

v. **State and local governments:** State and local government agencies, excluding State or local universities and colleges, agricultural experiment stations, medical schools, and affiliated hospitals. (Federal R&D funds obligated directly to such State and local institutions excluded in this category are included under the "Universities and colleges" category in this report.) R&D activities under the State and local category are performed either by the State or local agencies themselves or by other organizations under grants or contracts from such agencies. Regardless of the ultimate performer, Federal R&D funds directed to State and local governments are reported under this sector and no other.

vi. **Foreign performers:** Foreign citizens, foreign organizations, or foreign governments, as well as international organizations (such as the North Atlantic Treaty Organization (NATO), United Nations Educational, Scientific, and Cultural Organization (UNESCO), and World Health Organization (WHO)), performing R&D work abroad financed by the Federal Government. Excluded are U.S. agencies, organizations, or citizens performing R&D abroad for the Federal Government; the survey does not seek information on "off-shore" payments. An exception is made in the case of U.S. citizens performing R&D abroad under special foreign currency funds; these activities are included under "Foreign performers." Foreign scientists performing in the United States are excluded, however.

vii. **Private individuals:** For cases wherein an R&D grant or contract is awarded directly to a private individual, obligations incurred are placed under "Industrial firms."

7. **Federal obligations for research performed at universities and colleges by detailed field of science:** Only six agencies participate in the portion of the survey covering the funding of research at universities and colleges by detailed field of science. These six agencies represent approximately 96 percent of the Federal research obligations to universities and colleges. The six agencies are the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration (NASA); and the National Science Foundation (NSF).

8. **Geographic distribution of 1992 R&D obligations**

   a. Only the 10 largest R&D funding agencies participate in the portion of the survey covering the geographic distribution of obligations for research and development and R&D plant. These 10 agencies accounted for approximately 98 percent of total Federal R&D and R&D plant obligations in 1992. The respondents are the Departments of Agriculture, Commerce, Energy, Defense, Health and Human Services, the Interior, and Transportation; the Environmental Protection Agency; NASA; and NSF.

b. Actual fiscal year 1992 data were requested in terms of the principal location (State or outlying area) where the work was performed by the primary contractor, grantee, or intramural organization. When this information was not available in their records, the respondents were asked to assign the obligations to the State, outlying area, or office abroad where the headquarters of the U.S. primary contractor, grantee, or intramural organization was located.

c. Obligations were reported for R&D as a combined amount.

d. Specifically omitted from the geographic portion of the survey were R&D obligations to foreign performers and obligations for R&D plant used in support of foreign performers. Foreign performer data, by country, are reported in a separate section of the Federal Funds Survey.

Changes in Reporting

While completing the survey forms each year, agency respondents make revisions to their estimates for the latest 2 years of the previous report, in this case fiscal years 1992 and 1993. Such revision is part of the budgetary cycle. From time to time survey submissions also reflect reappraisals and revisions in classification of various aspects of agencies' R&D programs. When such revisions occur, NSF requires the agencies to provide revised prior year data to maintain consistency and comparability with the most recent concepts.

SECTION B.

FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTERS, BY AGENCY AND TYPE OF ADMINISTRATION

The following is the master list of federally funded research and development centers (FFRDCs) included in the Federal Funds Survey for fiscal years 1992-94. The list is arranged by sponsoring agency and administering organization. Respondents reported under the FFRDC category those funds obligated to centers identified on this list.

Sponsoring agency	Administered by universities and colleges[1]	Administered by other nonprofit institutions[2]	Administered by industrial firms
DEPARTMENT OF DEFENSE:			
Office of the Secretary of Defense		Institute for Defense Analyses (IDA), Alexandria, VA Logistics Management Institute (LMI), Bethesda, MD National Defense Research Institute (RAND Corp.[3]), Santa Monica, CA C3I Federal Contract Research Center (MITRE Corp.[4]), Bedford, MA, and McLean, VA	
Advanced Research Projects Agency	Software Engineering Institute (Carnegie Mellon University), Pittsburgh, PA		
Department of the Navy		Center for Naval Analyses, Alexandria, VA	
Department of the Air Force	Lincoln Laboratory (Massachusetts Institute of Technology), Lexington, MA	Aerospace Corp., El Segundo, CA Project Air Force (RAND Corp.[3]), Santa Monica, CA	
Department of the Army	Institute for Advanced Technology[5] (University of Texas), Austin, TX	Arroyo Center (RAND Corp.[3]), Santa Monica, CA	
DEPARTMENT OF ENERGY	Ames Laboratory (Iowa State University of Science and Technology), Ames, IA Argonne National Laboratory (University of Chicago), Argonne, IL Brookhaven National Laboratory (Associated Universities, Inc.), Upton, Long Island, NY	Inhalation Toxicology Research Institute (Lovelace Biomedical and Environmental Research Institute), Albuquerque, NM National Renewable Energy Research Laboratory (Midwest Research Institute[7]), Golden, CO Pacific Northwest Laboratories (Battelle Memorial Institute), Richland, WA	Bettis Atomic Power Laboratory[6] (Westinghouse Electric Corp.), West Mifflin, PA Energy Technology Engineering Center (Rockwell International Corp.), Canoga Park, CA Hanford Engineering Development Laboratory[6] (Westinghouse Hanford Co.), Richland, WA

See explanatory information, if any, and SOURCE at end of table.

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Federally funded research and development centers, by agency and type of administration--continued

Sponsoring agency	Administered by universities and colleges[1]	Administered by other nonprofit institutions[2]	Administered by industrial firms
DEPARTMENT OF ENERGY, continued	Continuous Electron Beam Accelerator Facility (Southeastern Universities Research Association), Newport News, VA Fermi National Accelerator Laboratory (Universities Research, Inc.), Batavia, IL Lawrence Berkeley Laboratory (University of California), Berkeley, CA Lawrence Livermore National Laboratory (University of California), Livermore, CA Los Alamos National Scientific Laboratory (University of California), Los Alamos, NM Oak Ridge Institute for Science and Education (Oak Ridge Associated Universities, Inc.), Oak Ridge, TN Princeton Plasma Physics Laboratory (Princeton University), Princeton, NJ Stanford Linear Accelerator Center (Leland Stanford, Jr., University), Stanford, CA		Idaho National Engineering Laboratory (EG&G Idaho, Inc.; Argonne National Laboratory, West; Westinghouse Electric Corp.), Idaho Falls, ID Knolls Atomic Power Laboratory[6] (General Electric Co.), Schenectady, NY Oak Ridge National Laboratory (Martin Marietta Energy Systems, Inc.), Oak Ridge, TN Sandia National Laboratory (Martin Marietta, Inc.), Albuquerque, NM Savannah River Laboratory (Westinghouse Electric Corp.), Aiken, SC
DEPARTMENT OF HEALTH AND HUMAN SERVICES:			
National Institutes of Health			NCI Frederick Cancer Research and Development Center (Program Resources, Inc.; Advanced BioScience Laboratories, Inc.; Harlan Sprague Dawley, Inc.; Data Management Services, Inc.), Frederick, MD
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	Jet Propulsion Laboratory (California Institute of Technology), Pasadena, CA		
NATIONAL SCIENCE FOUNDATION	National Astronomy and Ionosphere Center (Cornell University), Arecibo, PR	Critical Technologies Institute (RAND Corp.[3]), Washington, DC	

See explanatory information, if any, and SOURCE at end of table.

Federally funded research and development centers, by agency and type of administration--continued

Sponsoring agency	Administered by universities and colleges[1]	Administered by other nonprofit institutions[2]	Administered by industrial firms
NATIONAL SCIENCE FOUNDATION, continued	National Center for Atmospheric Research (University Corporation for Atmospheric Research), Boulder, CO National Optical Astronomy Observatories (Association of Universities for Research in Astronomy, Inc.[8]), Tucson, AZ National Radio Astronomy Observatory (Associated Universities, Inc.), Green Bank, WV		
NUCLEAR REGULATORY COMMISSION		Center for Nuclear Waste Regulatory Analyses (Southwest Research Institute), San Antonio, TX	
DEPARTMENT OF TRANSPORTATION:			
Federal Aviation Administration		Center for Advanced Aviation System Development (MITRE Corp.[4]), McLean, VA	
DEPARTMENT OF THE TREASURY:			
Internal Revenue Service		Tax Systems Modernization Institute (IIT Research Institute), Lanham, MD	

[1] Includes university consortia

[2] That is, other than universities and colleges

[3] The following portions of the RAND Corp. are FFRDCs: Project Air Force, National Defense Research Institute (formerly Defense/Office of the Joint Chiefs of Staff), the Arroyo Center, and the Critical Technologies Institute. All other agency support to RAND is reported under "other nonprofit institutions excluding FFRDCs."

[4] Only the C3I Federal Contract Research Center and the Center for Advanced Aviation System Development parts of the MITRE Corp. are FFRDCs. All other agency support to MITRE is reported under "other nonprofit institutions excluding FFRDCs."

[5] The Department of the Army decertified the Institute for Advanced Technology (University of Texas), Austin, TX, as an FFRDC in November 1993.

[6] The Department of Energy decertified Bettis Atomic Power Laboratory, Hanford Engineering Development Laboratory, and Knolls Atomic Power Laboratory as FFRDCs in October/November 1992.

[7] In September 1991 the name was changed from Solar Energy Research Institute.

[8] Since February 1984 this center includes three former FFRDCs: Cerro Tololo Inter-American Observatory, Kitt Peak National Observatory, and the National Solar Observatory (formerly Sacramento Peak Observatory).

SOURCE: National Science Foundation/SRS

SECTION C.

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- Because of rounding, detail may not add to totals.
- Dashes or asterisks appearing in lieu of figures indicate that the amounts are less than 50 thousand dollars or less than 0.5 percent.
- The abbreviation "FFRDCs" appearing in statistical tables refers to Federally funded research and development centers.
- In tables showing extramural performers, obligations of the U.S. Department of Agriculture to agricultural experiment stations are included within obligations to universities and colleges.
- Defense agencies within the Department of Defense include the Advanced Research Projects Agency, the Ballistic Missile Defense Organization, the Defense Communications Agency, the Defense Logistics Agency, the Defense Mapping Agency, the Defense Nuclear Agency, the Joint Chiefs of Staff, the Special Operations Command, the Uniformed Services University of the Health Sciences, and the Washington Headquarters Service.

Table C-1. Summary of Federal funds for research and development and for R&D plant: fiscal years 1992, 1993, and 1994

[In millions of dollars and percentages]

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Item	1992	Estimates			
		1993	Percentage change 1992-93	1994	Percentage change 1993-94
Total outlays for research and development and for R&D plant	$65,719.0	$71,330.0	8.5	$74,036.1	3.8
Research and development	62,934.5	67,786.2	7.7	70,450.7	3.9
R&D plant	2,784.5	3,543.8	27.3	3,585.4	1.2
Total obligations for research and development and for R&D plant	68,577.2	75,303.4	9.8	74,435.9	-1.2
Research and development, total	65,592.6	71,445.1	8.9	71,243.7	-.3
By performers:					
Intramural 1/	15,690.1	17,199.4	9.6	17,542.4	2.0
Industrial firms	29,744.8	33,394.5	12.3	32,936.9	-1.4
FFRDCs administered by industrial firms	2,009.8	1,309.7	-34.8	1,253.2	-4.3
Universities and colleges	10,271.2	11,335.9	10.4	11,639.9	2.7
FFRDCs administered by universities and colleges	3,855.5	3,494.7	-9.4	3,269.3	-6.5
Other nonprofit institutions	2,803.6	3,359.5	19.8	3,175.5	-5.5
FFRDCs administered by nonprofit institutions	745.6	823.0	10.4	901.8	9.6
State and local governments	184.1	254.3	38.1	256.6	.9
Foreign	287.9	274.0	-4.8	268.1	-2.2
Research, total	24,490.6	27,451.8	12.1	28,123.8	2.4
By performers:					
Intramural 1/	6,615.7	7,401.2	11.9	7,704.1	4.1
Industrial firms	3,451.2	4,233.4	22.7	4,343.7	2.6
FFRDCs administered by industrial firms	592.4	648.0	9.4	595.5	-8.1
Universities and colleges	9,060.7	10,075.9	11.2	10,402.3	3.2
FFRDCs administered by universities and colleges	2,351.8	2,372.4	.9	2,239.4	-5.6
Other nonprofit institutions	2,049.6	2,323.0	13.3	2,399.5	3.3
FFRDCs administered by nonprofit institutions	139.9	151.7	8.4	181.8	19.9
State and local governments	109.3	127.5	16.7	143.2	12.3
Foreign	120.0	118.7	-1.1	114.3	-3.6
By fields of science:					
Life sciences	9,910.5	10,950.1	10.5	11,372.8	3.9
Psychology	298.1	354.2	18.8	346.4	-2.2
Physical sciences	4,439.2	4,915.5	10.7	4,832.5	-1.7
Environmental sciences	2,207.6	2,411.9	9.3	2,542.1	5.4
Mathematics and computer sciences	1,160.3	1,363.0	17.5	1,468.7	7.8
Engineering	4,977.0	5,839.9	17.3	6,005.5	2.8
Social sciences	689.7	704.3	2.1	708.6	.6
Other sciences, n.e.c.	808.3	912.8	12.9	847.3	-7.2
Basic research, total	12,489.9	13,897.4	11.3	14,346.1	3.2
By performers:					
Intramural 1/	2,397.0	2,677.1	11.7	2,812.0	5.0
Industrial firms	920.3	1,061.5	15.3	1,113.0	4.8
FFRDCs administered by industrial firms	187.8	187.2	-.3	184.4	-1.5
Universities and colleges	6,331.8	7,115.9	12.4	7,352.2	3.3
FFRDCs administered by universities and colleges	1,394.1	1,398.8	.3	1,357.6	-2.9
Other nonprofit institutions	1,097.2	1,276.9	16.4	1,329.7	4.1
FFRDCs administered by nonprofit institutions	65.5	70.7	7.9	82.5	16.8
State and local governments	42.4	48.3	13.9	52.3	8.3
Foreign	53.8	60.9	13.3	62.5	2.5
By fields of science:					
Life sciences	5,841.7	6,601.7	13.0	6,883.6	4.3
Psychology	122.6	135.7	10.7	141.1	4.0
Physical sciences	2,951.4	3,226.8	9.3	3,270.9	1.4
Environmental sciences	1,303.6	1,391.6	6.7	1,450.5	4.2
Mathematics and computer sciences	481.4	545.4	13.3	599.3	9.9
Engineering	1,249.8	1,407.8	12.6	1,438.0	2.1
Social sciences	139.9	154.7	10.6	151.5	-2.1
Other sciences, n.e.c.	399.4	433.8	8.6	411.3	-5.2

See explanatory information, if any, and SOURCE at end of table.

Table C-1. Summary of Federal funds for research and development and for R&D plant: fiscal years 1992, 1993, and 1994

[In millions of dollars and percentages]

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Item	1992	Estimates			
		1993	Percentage change 1992-93	1994	Percentage change 1993-94
Applied research, total	$12,000.7	$13,554.5	12.9	$13,777.7	1.6
By performers:					
Intramural 1/	4,218.7	4,724.1	12.0	4,892.1	3.6
Industrial firms	2,530.9	3,171.8	25.3	3,230.8	1.9
FFRDCs administered by industrial firms	404.6	460.8	13.9	411.1	-10.8
Universities and colleges	2,728.9	2,960.0	8.5	3,050.1	3.0
FFRDCs administered by universities and colleges	957.6	973.6	1.7	881.8	-9.4
Other nonprofit institutions	952.5	1,046.1	9.8	1,069.8	2.3
FFRDCs administered by nonprofit institutions	74.5	81.0	8.8	99.3	22.6
State and local governments	66.9	79.3	18.5	90.9	14.7
Foreign	66.2	57.8	-12.8	51.9	-10.1
By fields of science:					
Life sciences	4,068.8	4,348.4	6.9	4,489.2	3.2
Psychology	175.6	218.5	24.4	205.3	-6.0
Physical sciences	1,487.7	1,688.7	13.5	1,561.6	-7.5
Environmental sciences	904.0	1,020.3	12.9	1,091.5	7.0
Mathematics and computer sciences	678.9	817.6	20.4	869.4	6.3
Engineering	3,727.1	4,432.1	18.9	4,567.5	3.1
Social sciences	549.8	549.7	*	557.2	1.4
Other sciences, n.e.c.	408.8	479.1	17.2	435.9	-9.0
Development, total	41,102.0	43,993.2	7.0	43,119.9	-2.0
By performers:					
Intramural 1/	9,074.4	9,798.2	8.0	9,838.3	.4
Industrial firms	26,293.6	29,161.1	10.9	28,593.2	-1.9
FFRDCs administered by industrial firms	1,417.4	661.7	-53.3	657.7	-.6
Universities and colleges	1,210.6	1,260.0	4.1	1,237.6	-1.8
FFRDCs administered by universities and colleges	1,503.7	1,122.3	-25.4	1,029.9	-8.2
Other nonprofit institutions	753.9	1,036.4	37.5	776.0	-25.1
FFRDCs administered by nonprofit institutions	605.7	671.3	10.8	720.0	7.2
State and local governments	74.8	126.8	69.5	113.4	-10.6
Foreign	167.9	155.4	-7.5	153.8	-1.0
R&D plant, total	2,984.6	3,858.4	29.3	3,192.3	-17.3
By performers supported:					
Intramural	506.2	792.5	56.5	492.2	-37.9
Industrial firms	1,014.4	1,287.2	26.9	1,079.4	-16.1
FFRDCs administered by industrial firms	202.2	195.2	-3.5	183.8	-5.8
Universities and colleges	241.5	491.1	103.4	196.5	-60.0
FFRDCs administered by universities and colleges	579.5	590.7	1.9	616.9	4.4
Other nonprofit institutions	393.9	411.0	4.3	550.3	33.9
FFRDCs administered by nonprofit institutions	46.3	58.2	25.8	69.0	18.6
State and local governments	.5	.4	-18.7	.4	2.7
Foreign	.0	32.1	**	3.7	-88.5

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

NOTE: Because of rounding, detail may not add to totals.

KEY:
FFRDCs = Federally funded research and development centers
n.e.c. = Not elsewhere classified
* = Percentage less than .05%
** = Percentage change computation not valid due to zero obligations

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-2. Federal funds for research and development and for R&D plant, by agency: fiscal years 1992, 1993, and 1994

[Dollars in millions]

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Agency and subdivision	Obligations			Outlays		
	1992	Estimates		1992	Estimates	
		1993	1994		1993	1994
Total, all agencies	68,577.2	75,303.4	74,435.9	65,719.0	71,330.0	74,036.1
Departments:						
Department of Agriculture, total	1,491.8	1,528.0	1,462.4	1,382.8	1,441.9	1,449.2
Agricultural Cooperative Service	3.4	3.5	3.6	3.4	3.5	3.6
Agricultural Marketing Service 1/	4.7	4.9	4.9	4.3	4.8	4.9
Agricultural Research Service	725.2	749.6	727.1	686.5	715.2	699.6
Animal & Plant Health Inspection Service	16.7	16.8	19.4	16.7	16.8	19.4
Cooperative State Research Service	481.2	487.7	416.5	415.1	444.2	463.8
Economic Research Service	58.9	58.9	51.5	57.5	56.9	51.2
Federal Grain Inspection Service	1.5	1.2	1.0	1.8	1.2	1.0
Forest Service	184.3	191.7	220.2	182.0	184.0	187.7
Human Nutrition Information Service	10.7	8.5	13.1	9.7	9.0	11.9
National Agricultural Statistics Service	3.6	3.6	3.7	3.5	3.6	3.6
Office of International Cooperation & Development	1.5	1.5	1.6	2.4	2.6	2.4
Department of Commerce, total	672.2	867.2	975.9	543.4	714.7	858.7
Bureau of the Census	5.3	5.1	5.2	5.5	4.4	5.2
Economic Development Administration	.5	.0	.5	1.1	.5	1.0
National Institute of Standards & Technology	190.2	378.1	450.3	160.6	225.8	332.6
National Oceanic & Atmospheric Administration	472.2	479.9	514.7	472.2	479.9	514.7
National Telecommunications & Information Admin	4.0	4.1	5.2	4.0	4.1	5.2
Office of the Secretary	.0	.0	.0	-	.1	.0
Department of Defense, total	36,526.0	39,505.4	37,783.4	34,631.7	36,948.4	37,622.2
Department of the Army	6,876.2	6,423.6	5,644.3	6,295.2	6,110.6	5,821.3
Civil functions (Corps of Engineers)	56.2	49.6	56.3	56.2	49.6	56.3
Military functions	6,820.0	6,374.0	5,588.0	6,239.0	6,061.0	5,765.0
Department of the Navy	9,126.8	10,241.0	9,440.0	8,115.0	9,345.0	9,258.0
Department of the Air Force	13,606.8	14,138.5	14,100.6	12,532.3	13,271.8	13,990.5
Defense agencies	7,670.5	8,448.7	8,315.3	7,450.3	7,985.1	8,292.7
Operational Test & Evaluation, Director	12.4	12.0	12.6	9.4	12.7	12.2
Test & Evaluation, Deputy Under Secretary Defense	233.2	241.6	270.6	229.4	223.2	247.5
Department of Education	170.9	178.9	187.4	135.5	189.3	190.5
Department of Energy	7,493.0	8,010.3	8,053.4	7,232.7	7,690.5	7,966.0
Department of Health & Human Services, total	9,084.6	10,719.3	10,881.7	9,091.5	10,717.8	11,596.1
Administration on Aging 2/	20.2	19.7	20.3	20.2	19.7	17.1
Administration for Children & Families 2/ 3/	39.2	21.1	18.5	35.1	19.8	18.3
Agency for Health Care Policy & Research 4/	106.3	114.8	144.8	113.5	108.0	117.1
Centers for Disease Control	146.9	149.5	183.1	146.9	149.5	183.1
Food & Drug Administration	150.0	173.1	180.8	150.0	173.1	180.8
Health Care Financing Administration	75.5	68.7	68.6	63.9	72.8	66.9
Health Resources & Services Administration	10.5	11.2	11.6	10.5	11.2	11.6
National Institutes of Health 5/	8,491.4	10,112.0	10,204.0	8,491.4	10,112.0	10,953.0
Office of the Assistant Secretary for Health	6.7	1.0	7.0	21.7	9.1	5.3
Office of the Secretary	5.0	6.0	15.9	5.0	8.0	15.9
Social Security Administration	33.0	40.1	27.1	33.4	34.6	27.1
Department of Housing & Urban Development	25.1	26.4	35.5	23.5	24.3	28.6

See explanatory information, if any, and SOURCE at end of table.

Table C-2. Federal funds for research and development and for R&D plant, by agency: fiscal years 1992, 1993, and 1994

[Dollars in millions]

Page 2 of 3

Agency and subdivision	Obligations			Outlays		
	1992	Estimates		1992	Estimates	
		1993	1994		1993	1994
Department of the Interior, total	627.6	633.2	606.6	628.4	638.6	598.6
Bureau of Land Management	6.3	8.9	7.3	6.3	8.9	7.3
Bureau of Mines	107.1	116.1	90.8	113.9	112.4	100.2
Bureau of Reclamation	13.2	9.7	7.6	12.2	9.8	6.4
Geological Survey	365.7	358.8	378.2	370.3	377.4	373.0
Minerals Management Service	4.8	6.0	6.0	4.1	5.5	5.9
National Park Service	31.1	32.0	7.7	31.1	32.0	7.7
Office of the Secretary	.9	.9	.9	.9	.9	.9
Office of Surface Mining Reclamation & Enforcement	.3	.4	.0	.3	.4	.0
United States Fish & Wildlife Service	98.2	100.4	108.0	89.3	91.3	97.2
Department of Justice, total	48.0	45.9	45.8	42.9	44.2	42.9
Bureau of Prisons 6/	5.9	6.1	6.0	5.9	6.1	6.0
Drug Enforcement Administration	1.4	.8	1.8	1.5	.9	1.8
Federal Bureau of Investigation	10.9	10.7	10.7	10.9	10.7	10.7
Immigration & Naturalization Service	.4	.4	.4	.4	.4	.4
Office of Justice Programs	29.4	27.9	26.9	24.1	26.2	24.0
Department of Labor, total	51.7	65.3	65.6	70.8	67.3	67.7
Bureau of Labor Statistics	7.6	6.9	7.0	7.6	6.9	7.0
Employment & Training Administration	31.7	45.7	45.7	51.0	47.9	47.9
Occupational Safety & Health Administration	3.1	3.7	3.8	3.1	3.7	3.8
Office of the Secretary	5.9	5.5	5.5	5.7	5.4	5.4
Pension Benefit Guaranty Corporation	.9	.8	1.0	.9	.8	1.0
Pension & Welfare Benefits Administration	2.6	2.6	2.6	2.6	2.6	2.6
Department of State	5.6	5.4	5.4	5.6	5.4	5.4
Department of Transportation, total	470.3	788.3	722.7	411.1	535.8	658.8
Coast Guard	20.5	35.8	25.0	22.8	34.7	31.6
Federal Aviation Administration	260.2	298.2	301.1	250.7	287.2	305.4
Federal Highway Administration	131.0	345.1	267.9	81.2	139.4	217.2
Federal Railroad Administration	22.8	38.3	62.4	21.5	33.3	33.1
Federal Transit Administration 7/	1.7	30.0	30.0	1.5	8.7	38.1
Maritime Administration	1.8	1.7	1.7	1.7	1.7	1.7
National Highway Traffic Safety Administration	25.8	31.6	27.0	24.5	25.5	24.3
Office of the Secretary	4.1	5.3	4.6	5.0	2.9	4.5
Research & Special Programs Administration	2.5	2.4	3.1	2.3	2.4	2.8
Department of the Treasury, total	24.8	16.8	27.9	24.5	15.9	27.9
Bureau of Engraving & Printing	2.0	3.7	5.0	2.0	3.7	5.0
Financial Crimes Enforcement Network	1.2	1.5	1.9	1.5	1.5	1.8
Internal Revenue Service 8/	17.9	5.8	14.3	17.3	5.8	14.3
Office of Thrift Supervision 9/	.8	.8	.9	.8	.8	.9
United States Customs Service	2.3	3.3	5.0	2.3	3.3	5.0
United States Mint	.0	1.1	.2	.0	.3	.2
United States Secret Service 10/	.6	.6	.6	.6	.6	.6
Department of Veterans Affairs	229.6	252.0	216.3	207.6	236.9	221.3

See explanatory information, if any, and SOURCE at end of table.

Table C-2. Federal funds for research and development and for R&D plant, by agency: fiscal years 1992, 1993, and 1994

[Dollars in millions]

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Agency and subdivision	Obligations			Outlays		
	1992	Estimates		1992	Estimates	
		1993	1994		1993	1994
Other agencies:						
Advisory Commission on Intergovernmental Relations	1.7	2.5	1.9	1.5	1.8	1.9
Agency for International Development	365.9	381.0	421.6	205.9	355.0	375.5
Appalachian Regional Commission	1.9	.9	.9	1.9	.9	.9
Consumer Product Safety Commission	1.1	1.3	.4	1.2	1.2	.5
Environmental Protection Agency	483.9	520.7	655.9	411.9	485.3	526.0
Federal Communications Commission	1.6	1.8	1.7	1.6	1.8	1.7
Federal Trade Commission	1.3	.8	.9	1.3	.8	.9
General Services Administration	6.5	1.0	.0	20.9	12.5	4.1
Library of Congress	10.3	10.2	10.2	10.0	9.7	10.2
National Aeronautics & Space Administration	8,475.4	9,181.0	9,508.6	8,386.6	8,666.7	9,083.9
National Archives & Records Administration	.7	.3	.3	.7	.3	.3
National Science Foundation	1,970.0	2,210.5	2,402.3	1,813.6	2,180.4	2,339.1
Nuclear Regulatory Commission	119.0	119.7	122.1	116.5	119.5	121.5
Smithsonian Institution	101.8	105.0	105.9	95.4	99.4	100.2
Tennessee Valley Authority	100.5	109.6	117.2	103.5	109.6	119.5
United States Arms Control & Disarmament Agency	2.1	1.0	1.0	2.1	1.0	1.0
United States Information Agency	.0	1.2	.7	.2	.6	.7
United States International Trade Commission	12.3	12.5	14.3	12.3	12.5	14.3

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

6/ Formerly listed as Federal Prison System

7/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

8/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

9/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

10/ Formerly listed as Office of Protective Research

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: - = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-3. Federal funds for total research and development, by agency: fiscal years 1992, 1993, and 1994

[Dollars in millions]

Agency and subdivision	Obligations			Outlays		
	1992	Estimates		1992	Estimates	
		1993	1994		1993	1994
Total, all agencies	65,592.6	71,445.1	71,243.7	62,934.5	67,786.2	70,450.7
Departments:						
Department of Agriculture, total	1,327.1	1,330.6	1,367.9	1,246.0	1,279.1	1,315.0
Agricultural Cooperative Service	3.4	3.5	3.6	3.4	3.5	3.6
Agricultural Marketing Service 1/	4.7	4.9	4.9	4.3	4.8	4.9
Agricultural Research Service	627.1	626.2	640.2	617.1	616.2	623.7
Animal & Plant Health Inspection Service	16.7	16.8	16.7	16.7	16.8	16.7
Cooperative State Research Service	418.2	418.6	416.5	354.9	385.2	413.1
Economic Research Service	58.9	58.9	51.5	57.5	56.9	51.2
Federal Grain Inspection Service	1.5	1.2	1.0	1.8	1.2	1.0
Forest Service	180.7	186.7	215.2	174.8	179.3	182.7
Human Nutrition Information Service	10.7	8.5	13.1	9.7	9.0	11.9
National Agricultural Statistics Service	3.6	3.6	3.7	3.5	3.6	3.6
Office of International Cooperation & Development	1.5	1.5	1.6	2.4	2.6	2.4
Department of Commerce, total	651.2	736.0	896.8	622.1	685.1	838.9
Bureau of the Census	5.3	5.1	5.2	5.5	4.4	5.2
Economic Development Administration	.5	.0	.5	1.1	.5	1.0
National Institute of Standards & Technology	179.0	261.2	381.6	149.1	210.5	323.3
National Oceanic & Atmospheric Administration	462.4	465.5	504.2	462.4	465.5	504.2
National Telecommunications & Information Admin	4.0	4.1	5.2	4.0	4.1	5.2
Office of the Secretary	.0	.0	.0	-	.1	.0
Department of Defense, total	36,129.5	38,986.9	37,522.9	34,220.8	36,469.2	37,249.8
Department of the Army	6,854.2	6,403.6	5,608.3	6,273.2	6,092.6	5,797.3
Civil functions (Corps of Engineers)	56.2	49.6	56.3	56.2	49.6	56.3
Military functions	6,798.0	6,354.0	5,552.0	6,217.0	6,043.0	5,741.0
Department of the Navy	8,030.8	10,206.0	9,370.0	8,004.0	9,275.0	9,208.0
Department of the Air Force	13,427.1	13,889.0	13,994.3	12,346.1	13,033.6	13,817.0
Defense agencies	7,571.7	8,234.6	8,267.1	7,358.7	7,832.0	8,167.8
Operational Test & Evaluation, Director	12.4	12.0	12.6	9.4	12.7	12.2
Test & Evaluation, Deputy Under Secretary Defense	233.2	241.6	270.6	229.4	223.2	247.5
Department of Education	168.5	176.7	185.6	133.0	176.6	187.5
Department of Energy	6,172.2	6,586.1	6,581.9	6,034.7	6,275.1	6,243.8
Department of Health & Human Services, total	8,987.8	10,343.7	10,722.5	8,994.8	10,342.3	11,363.9
Administration on Aging 2/	20.2	19.7	20.3	20.2	19.7	17.1
Administration for Children & Families 2/ 3/	39.2	21.1	18.5	35.1	19.8	18.3
Agency for Health Care Policy & Research 4/	106.3	114.8	144.8	113.5	108.0	117.1
Centers for Disease Control	146.9	149.5	183.1	146.9	149.5	183.1
Food & Drug Administration	135.7	139.1	151.2	135.7	139.1	151.2
Health Care Financing Administration	75.5	68.7	68.6	63.9	72.8	66.9
Health Resources & Services Administration	10.1	10.5	10.9	10.1	10.5	10.9
National Institutes of Health 5/	8,409.2	9,771.1	10,075.1	8,409.2	9,771.1	10,751.1
Office of the Assistant Secretary for Health	6.7	1.0	7.0	21.7	9.1	5.3
Office of the Secretary	5.0	8.0	15.9	5.0	8.0	15.9
Social Security Administration	33.0	40.1	27.1	33.4	34.6	27.1
Department of Housing & Urban Development	25.1	26.4	35.5	23.5	24.3	28.6

See explanatory information, if any, and SOURCE at end of table.

Table C-3. Federal funds for total research and development, by agency: fiscal years 1992, 1993, and 1994

[Dollars in millions]

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Agency and subdivision	Obligations			Outlays		
	1992	Estimates		1992	Estimates	
		1993	1994		1993	1994
Department of the Interior, total	609.2	612.2	588.5	610.6	617.9	585.6
Bureau of Land Management	6.3	8.9	7.3	6.3	8.9	7.3
Bureau of Mines	107.1	116.1	90.8	113.9	112.4	100.2
Bureau of Reclamation	13.2	9.7	7.6	12.2	9.8	6.4
Geological Survey	361.4	355.0	361.9	365.9	373.5	361.6
Minerals Management Service	3.8	5.0	5.0	3.4	4.5	4.9
National Park Service	31.1	32.0	7.7	31.1	32.0	7.7
Office of the Secretary	.9	.9	.9	.9	.9	.9
Office of Surface Mining Reclamation & Enforcement	.3	.4	.0	.3	.4	.0
United States Fish & Wildlife Service	85.1	84.1	107.3	76.6	75.5	96.5
Department of Justice, total	48.0	45.9	45.8	42.9	44.2	42.9
Bureau of Prisons 6/	5.9	6.1	6.0	5.9	6.1	6.0
Drug Enforcement Administration	1.4	.8	1.8	1.5	.9	1.8
Federal Bureau of Investigation	10.9	10.7	10.7	10.9	10.7	10.7
Immigration & Naturalization Service	.4	.4	.4	.4	.4	.4
Office of Justice Programs	29.4	27.9	26.9	24.1	26.2	24.0
Department of Labor, total	51.7	65.3	65.6	70.8	67.3	67.7
Bureau of Labor Statistics	7.6	6.9	7.0	7.6	6.9	7.0
Employment & Training Administration	31.7	45.7	45.7	51.0	47.9	47.9
Occupational Safety & Health Administration	3.1	3.7	3.8	3.1	3.7	3.8
Office of the Secretary	5.9	5.5	5.5	5.7	5.4	5.4
Pension Benefit Guaranty Corporation	.9	.8	1.0	.9	.8	1.0
Pension & Welfare Benefits Administration	2.6	2.6	2.6	2.6	2.6	2.6
Department of State	5.6	5.4	5.4	5.6	5.4	5.4
Department of Transportation, total	445.0	747.4	687.8	394.0	510.7	627.8
Coast Guard	20.1	35.4	24.6	22.4	34.3	31.1
Federal Aviation Administration	236.2	270.2	272.1	234.9	266.2	280.4
Federal Highway Administration	130.2	334.7	263.7	81.2	137.0	212.8
Federal Railroad Administration	22.7	36.2	61.1	20.6	32.0	31.9
Federal Transit Administration 7/	1.7	30.0	30.0	1.5	8.7	38.1
Maritime Administration	1.8	1.7	1.7	1.7	1.7	1.7
National Highway Traffic Safety Administration	25.8	31.6	27.0	24.5	25.5	24.3
Office of the Secretary	4.1	5.3	4.6	5.0	2.9	4.5
Research & Special Programs Administration	2.5	2.4	3.1	2.3	2.4	2.8
Department of the Treasury, total	24.6	16.6	27.7	24.4	15.8	27.7
Bureau of Engraving & Printing	2.0	3.7	5.0	2.0	3.7	5.0
Financial Crimes Enforcement Network	1.2	1.5	1.9	1.5	1.5	1.8
Internal Revenue Service 8/	17.9	5.8	14.3	17.3	5.8	14.3
Office of Thrift Supervision 9/	.8	.8	.9	.8	.8	.9
United States Customs Service	2.2	3.2	4.9	2.2	3.2	4.9
United States Mint	.0	1.1	.2	.0	.3	.2
United States Secret Service 10/	.5	.6	.6	.5	.6	.6
Department of Veterans Affairs	223.9	242.7	206.0	202.1	230.4	212.7

See explanatory information, if any, and SOURCE at end of table.

Table C-3. Federal funds for total research and development, by agency: fiscal years 1992, 1993, and 1994

[Dollars in millions]

Page 3 of 3

Agency and subdivision	Obligations			Outlays		
	1992	Estimates		1992	Estimates	
		1993	1994		1993	1994
Other agencies:						
Advisory Commission on Intergovernmental Relations	1.7	2.5	1.9	1.5	1.8	1.9
Agency for International Development	365.9	381.0	421.6	205.9	355.0	375.5
Appalachian Regional Commission	1.9	.9	.9	1.9	.9	.9
Consumer Product Safety Commission	1.1	1.3	.4	1.2	1.2	.5
Environmental Protection Agency	483.9	520.7	655.9	411.9	485.3	526.0
Federal Communications Commission	1.6	1.8	1.7	1.6	1.8	1.7
Federal Trade Commission	1.3	.8	.9	1.3	.8	.9
Library of Congress	10.3	10.2	10.2	10.0	9.7	10.2
National Aeronautics & Space Administration	7,657.6	8,190.3	8,637.0	7,616.5	7,830.0	8,209.3
National Archives & Records Administration	.7	.3	.3	.7	.3	.3
National Science Foundation	1,868.4	2,072.6	2,217.0	1,732.7	2,017.8	2,170.5
Nuclear Regulatory Commission	119.0	119.7	122.1	116.5	119.5	121.5
Smithsonian Institution	98.0	100.0	100.9	94.2	98.2	99.0
Tennessee Valley Authority	97.3	106.4	117.1	98.8	106.4	119.4
United States Arms Control & Disarmament Agency	2.1	1.0	1.0	2.1	1.0	1.0
United States Information Agency	.0	1.2	.7	.2	.6	.7
United States International Trade Commission	12.3	12.5	14.3	12.3	12.5	14.3

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

6/ Formerly listed as Federal Prison System

7/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

8/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

9/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

10/ Formerly listed as Office of Protective Research

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: - = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-4. Federal obligations for total research and development, by agency and character of work: fiscal year 1992

[Dollars in thousands]

Page 1 of 3

Agency and subdivision	Total	Research		Development
		Basic	Applied	
Total, all agencies	65,592,590	12,489,864	12,000,734	41,101,992
Departments:				
Department of Agriculture, total	1,327,112	595,153	665,843	66,116
Agricultural Cooperative Service	3,444	0	3,444	0
Agricultural Marketing Service 1/	4,746	0	4,144	602
Agricultural Research Service	627,097	326,090	257,110	43,897
Animal & Plant Health Inspection Service	16,717	0	0	16,717
Cooperative State Research Service	418,193	189,581	228,612	0
Economic Research Service	58,873	8,242	50,631	0
Federal Grain Inspection Service	1,505	0	1,505	0
Forest Service	180,700	68,900	106,900	4,900
Human Nutrition Information Service	10,703	0	10,703	0
National Agricultural Statistics Service	3,589	1,181	2,408	0
Office of International Cooperation & Development	1,545	1,159	386	0
Department of Commerce, total	651,165	34,517	561,392	55,256
Bureau of the Census	5,344	943	2,437	1,964
Economic Development Administration	500	0	500	0
National Institute of Standards & Technology	178,991	33,574	115,819	29,598
National Oceanic & Atmospheric Administration	462,369	0	438,675	23,694
National Telecommunications & Information Admin	3,961	0	3,961	0
Department of Defense, total	36,129,467	1,098,945	2,974,461	32,056,061
Department of the Army	6,854,232	204,902	727,837	5,921,493
Department of the Navy	8,030,830	393,814	499,016	7,138,000
Department of the Air Force	13,427,100	205,800	584,700	12,636,600
Defense agencies	7,571,688	294,429	1,162,908	6,114,351
Operational Test & Evaluation, Director	12,436	0	0	12,436
Test & Evaluation, Deputy Under Secretary Defense	233,181	0	0	233,181
Department of Education	168,499	7,513	119,459	41,527
Department of Energy	6,172,230	1,736,404	1,676,131	2,759,695
Department of Health & Human Services, total	8,987,823	5,058,703	2,886,816	1,042,304
Administration on Aging 2/	20,235	0	2,459	17,776
Administration for Children & Families 2/ 3/	39,156	0	34,347	4,809
Agency for Health Care Policy & Research 4/	106,327	0	97,821	8,506
Centers for Disease Control	146,900	0	146,900	0
Food & Drug Administration	135,700	0	135,700	0
Health Care Financing Administration	75,491	0	75,491	0
Health Resources & Services Administration	10,125	1,295	8,830	0
National Institutes of Health 5/	8,409,247	5,057,408	2,341,320	1,010,519
Office of the Assistant Secretary for Health	6,665	0	5,971	694
Office of the Secretary	4,977	0	4,977	0
Social Security Administration	33,000	0	33,000	0

See explanatory information, if any, and SOURCE at end of table.

Table C-4. Federal obligations for total research and development, by agency and character of work: fiscal year 1992

[Dollars in thousands]

Page 2 of 3

Agency and subdivision	Total	Research		Development
		Basic	Applied	
Department of Housing & Urban Development	25,143	0	8,807	16,336
Department of the Interior, total	609,178	230,920	339,675	38,583
Bureau of Land Management	6,300	637	5,303	360
Bureau of Mines	107,140	43,746	59,164	4,230
Bureau of Reclamation	13,200	0	10,700	2,500
Geological Survey	361,371	180,137	164,341	16,893
Minerals Management Service	3,815	0	3,815	0
National Park Service	31,098	0	31,098	0
Office of the Secretary	900	0	200	700
Office of Surface Mining Reclamation & Enforcement	254	0	254	0
United States Fish & Wildlife Service	85,100	6,400	64,800	13,900
Department of Justice, total	48,047	5,329	15,014	27,704
Bureau of Prisons 6/	5,900	0	2,500	3,400
Drug Enforcement Administration	1,400	0	100	1,300
Federal Bureau of Investigation	10,925	0	0	10,925
Immigration & Naturalization Service	400	0	400	0
Office of Justice Programs	29,422	5,329	12,014	12,079
Department of Labor, total	51,715	224	23,590	27,901
Bureau of Labor Statistics	7,600	0	7,600	0
Employment & Training Administration	31,706	200	5,440	26,066
Occupational Safety & Health Administration	3,094	0	3,094	0
Office of the Secretary	5,853	0	4,118	1,735
Pension Benefit Guaranty Corporation	912	24	788	100
Pension & Welfare Benefits Administration	2,550	0	2,550	0
Department of State	5,554	4,869	685	0
Department of Transportation, total	445,012	1,170	155,700	288,142
Coast Guard	20,058	0	5,014	15,044
Federal Aviation Administration	236,174	0	30,108	206,066
Federal Highway Administration	130,223	1,170	72,042	57,011
Federal Railroad Administration	22,721	0	18,859	3,862
Federal Transit Administration 7/	1,659	0	0	1,659
Maritime Administration	1,751	0	1,751	0
National Highway Traffic Safety Administration	25,774	0	25,774	0
Office of the Secretary	4,131	0	740	3,391
Research & Special Programs Administration	2,521	0	1,412	1,109
Department of the Treasury, total	24,638	3,576	17,245	3,817
Bureau of Engraving & Printing	1,990	0	1,766	224
Financial Crimes Enforcement Network	1,203	0	0	1,203
Internal Revenue Service 8/	17,878	3,576	13,945	357
Office of Thrift Supervision 9/	815	0	815	0
United States Customs Service	2,223	0	190	2,033
United States Secret Service 10/	529	0	529	0
Department of Veterans Affairs	223,900	15,700	185,200	23,000

See explanatory information, if any, and SOURCE at end of table.

Table C-4. Federal obligations for total research and development, by agency and character of work: fiscal year 1992

[Dollars in thousands]

Page 3 of 3

Agency and subdivision	Total	Research		Development
		Basic	Applied	
Other agencies:				
Advisory Commission on Intergovernmental Relations	1,730	0	1,730	0
Agency for International Development	365,918	5,805	294,245	65,868
Appalachian Regional Commission	1,900	0	1,900	0
Consumer Product Safety Commission	1,126	0	788	338
Environmental Protection Agency	483,900	110,400	293,900	79,600
Federal Communications Commission	1,648	0	1,648	0
Federal Trade Commission	1,285	0	1,285	0
Library of Congress	10,255	354	1,418	8,483
National Aeronautics & Space Administration	7,657,606	1,738,171	1,491,134	4,428,301
National Archives & Records Administration	685	495	110	80
National Science Foundation	1,868,397	1,741,472	126,925	0
Nuclear Regulatory Commission	119,049	0	119,049	0
Smithsonian Institution	97,999	97,999	0	0
Tennessee Valley Authority	97,271	2,145	22,246	72,880
United States Arms Control & Disarmament Agency	2,058	0	2,058	0
United States International Trade Commission	12,280	0	12,280	0

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

6/ Formerly listed as Federal Prison System

7/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

8/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

9/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

10/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-5. Estimated Federal obligations for total research and development, by agency and character of work: fiscal year 1993

[Dollars in thousands]

Page 1 of 3

Agency and subdivision	Total	Research		Development
		Basic	Applied	
Total, all agencies	71,445,055	13,897,355	13,554,452	43,993,248
Departments:				
Department of Agriculture, total	1,330,553	596,854	666,915	66,784
Agricultural Cooperative Service	3,518	0	3,518	0
Agricultural Marketing Service 1/	4,863	0	4,244	619
Agricultural Research Service	626,212	325,630	256,747	43,835
Animal & Plant Health Inspection Service	16,830	0	0	16,830
Cooperative State Research Service	418,642	189,734	228,908	0
Economic Research Service	58,925	8,250	50,675	0
Federal Grain Inspection Service	1,191	0	1,191	0
Forest Service	186,700	70,900	110,300	5,500
Human Nutrition Information Service	8,538	0	8,538	0
National Agricultural Statistics Service	3,589	1,181	2,408	0
Office of International Cooperation & Development	1,545	1,159	386	0
Department of Commerce, total	735,990	37,147	595,829	103,014
Bureau of the Census	5,107	322	2,710	2,075
National Institute of Standards & Technology	261,241	36,825	163,322	61,094
National Oceanic & Atmospheric Administration	465,538	0	425,693	39,845
National Telecommunications & Information Admin	4,104	0	4,104	0
Department of Defense, total	38,986,860	1,238,362	3,637,381	34,111,117
Department of the Army	6,403,646	213,255	856,533	5,333,858
Department of the Navy	10,206,000	406,000	632,000	9,168,000
Department of the Air Force	13,889,000	238,500	740,000	12,910,500
Defense agencies	8,234,614	380,607	1,408,848	6,445,159
Operational Test & Evaluation, Director	12,000	0	0	12,000
Test & Evaluation, Deputy Under Secretary Defense	241,600	0	0	241,600
Department of Education	176,727	6,946	122,401	47,380
Department of Energy	6,586,053	1,775,379	1,826,753	2,983,921
Department of Health & Human Services, total	10,343,701	5,883,499	3,256,999	1,203,203
Administration on Aging 2/	19,669	0	2,456	17,213
Administration for Children & Families 2/ 3/	21,062	0	17,795	3,267
Agency for Health Care Policy & Research 4/	114,837	0	105,650	9,187
Centers for Disease Control	149,500	0	149,500	0
Food & Drug Administration	139,100	0	139,100	0
Health Care Financing Administration	68,700	0	68,700	0
Health Resources & Services Administration	10,549	1,274	9,275	0
National Institutes of Health 5/	9,771,137	5,882,225	2,716,376	1,172,536
Office of the Assistant Secretary for Health	1,000	0	0	1,000
Office of the Secretary	8,047	0	8,047	0
Social Security Administration	40,100	0	40,100	0

See explanatory information, if any, and SOURCE at end of table.

Table C-5. Estimated Federal obligations for total research and development, by agency and character of work: fiscal year 1993

[Dollars in thousands]

Page 2 of 3

Agency and subdivision	Total	Research		Development
		Basic	Applied	
Department of Housing & Urban Development	26,425	0	9,390	17,035
Department of the Interior, total	612,191	229,346	343,810	39,035
Bureau of Land Management	8,925	637	7,365	923
Bureau of Mines	116,138	45,551	63,282	7,305
Bureau of Reclamation	9,700	0	7,300	2,400
Geological Survey	355,013	176,958	165,248	12,807
Minerals Management Service	5,015	0	5,015	0
National Park Service	32,000	0	32,000	0
Office of the Secretary	900	0	200	700
Office of Surface Mining Reclamation & Enforcement	400	0	400	0
United States Fish & Wildlife Service	84,100	6,200	63,000	14,900
Department of Justice, total	45,898	3,673	14,768	27,457
Bureau of Prisons 6/	6,100	0	2,500	3,600
Drug Enforcement Administration	800	0	0	800
Federal Bureau of Investigation	10,670	0	0	10,670
Immigration & Naturalization Service	400	0	400	0
Office of Justice Programs	27,928	3,673	11,868	12,387
Department of Labor, total	65,259	220	19,871	45,168
Bureau of Labor Statistics	6,900	0	6,900	0
Employment & Training Administration	45,704	100	3,249	42,355
Occupational Safety & Health Administration	3,737	0	3,737	0
Office of the Secretary	5,540	0	2,832	2,708
Pension Benefit Guaranty Corporation	798	120	573	105
Pension & Welfare Benefits Administration	2,580	0	2,580	0
Department of State	5,368	4,872	496	0
Department of Transportation, total	747,431	3,510	330,412	413,509
Coast Guard	35,415	0	8,854	26,561
Federal Aviation Administration	270,161	0	68,681	201,480
Federal Highway Administration	334,674	3,510	186,093	145,071
Federal Railroad Administration	36,182	0	25,881	10,301
Federal Transit Administration 7/	30,000	0	6,000	24,000
Maritime Administration	1,734	0	1,734	0
National Highway Traffic Safety Administration	31,611	0	31,611	0
Office of the Secretary	5,270	0	645	4,625
Research & Special Programs Administration	2,384	0	913	1,471
Department of the Treasury, total	16,616	5,825	5,145	5,646
Bureau of Engraving & Printing	3,652	0	3,652	0
Financial Crimes Enforcement Network	1,519	0	0	1,519
Internal Revenue Service 8/	5,825	5,825	0	0
Office of Thrift Supervision 9/	829	0	829	0
United States Customs Service	3,175	0	100	3,075
United States Mint	1,052	0	0	1,052
United States Secret Service 10/	564	0	564	0
Department of Veterans Affairs	242,700	14,200	190,200	38,300

See explanatory information, if any, and SOURCE at end of table.

Table C-5. Estimated Federal obligations for total research and development, by agency and character of work: fiscal year 1993

[Dollars in thousands]

Page 3 of 3

Agency and subdivision	Total	Research		Development
		Basic	Applied	
Other agencies:				
Advisory Commission on Intergovernmental Relations	2,483	0	2,483	0
Agency for International Development	381,038	6,652	283,169	91,217
Appalachian Regional Commission	900	0	900	0
Consumer Product Safety Commission	1,263	0	850	413
Environmental Protection Agency	520,700	114,400	327,400	78,900
Federal Communications Commission	1,838	0	1,838	0
Federal Trade Commission	848	0	848	0
Library of Congress	10,199	489	1,587	8,123
National Aeronautics & Space Administration	8,190,257	1,952,333	1,605,998	4,631,926
National Archives & Records Administration	320	150	140	30
National Science Foundation	2,072,617	1,921,436	151,181	0
Nuclear Regulatory Commission	119,678	0	119,678	0
Smithsonian Institution	99,999	99,999	0	0
Tennessee Valley Authority	106,410	2,063	23,277	81,070
United States Arms Control & Disarmament Agency	1,000	0	1,000	0
United States Information Agency	1,200	0	1,200	0
United States International Trade Commission	12,533	0	12,533	0

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

6/ Formerly listed as Federal Prison System

7/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

8/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

9/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

10/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-6. Estimated Federal obligations for total research and development, by agency and character of work: fiscal year 1994

[Dollars in thousands]

Page 1 of 3

Agency and subdivision	Total	Research		Development
		Basic	Applied	
Total, all agencies	71,243,656	14,346,088	13,777,715	43,119,853
Departments:				
Department of Agriculture, total	1,367,876	630,980	668,822	68,074
Agricultural Cooperative Service	3,576	0	3,576	0
Agricultural Marketing Service 1/	4,898	0	4,272	626
Agricultural Research Service	640,179	334,803	261,053	44,323
Animal & Plant Health Inspection Service	16,725	0	0	16,725
Cooperative State Research Service	416,452	204,883	211,569	0
Economic Research Service	51,461	7,205	44,256	0
Federal Grain Inspection Service	1,000	0	1,000	0
Forest Service	215,200	81,700	127,100	6,400
Human Nutrition Information Service	13,142	0	13,142	0
National Agricultural Statistics Service	3,665	1,206	2,459	0
Office of International Cooperation & Development	1,578	1,183	395	0
Department of Commerce, total	896,778	40,437	702,778	153,563
Bureau of the Census	5,244	330	2,771	2,143
Economic Development Administration	500	0	500	0
National Institute of Standards & Technology	381,589	40,107	225,429	116,053
National Oceanic & Atmospheric Administration	504,220	0	468,853	35,367
National Telecommunications & Information Admin	5,225	0	5,225	0
Department of Defense, total	37,522,872	1,236,749	3,179,155	33,106,968
Department of the Army	5,608,288	210,415	631,358	4,766,515
Department of the Navy	9,370,000	433,000	536,000	8,401,000
Department of the Air Force	13,994,300	246,000	766,400	12,981,900
Defense agencies	8,267,084	347,334	1,245,397	6,674,353
Operational Test & Evaluation, Director	12,600	0	0	12,600
Test & Evaluation, Deputy Under Secretary Defense	270,600	0	0	270,600
Department of Education	185,556	11,057	131,530	42,969
Department of Energy	6,581,938	1,781,782	1,731,424	3,068,732
Department of Health & Human Services, total	10,722,502	6,066,460	3,417,884	1,238,158
Administration on Aging 2/	20,309	0	2,474	17,835
Administration for Children & Families 2/ 3/	18,543	0	17,419	1,124
Agency for Health Care Policy & Research 4/	144,831	0	135,645	9,186
Centers for Disease Control	183,053	0	183,053	0
Food & Drug Administration	151,200	0	151,200	0
Health Care Financing Administration	68,600	0	68,600	0
Health Resources & Services Administration	10,892	1,246	9,646	0
National Institutes of Health 5/	10,075,106	6,065,214	2,800,879	1,209,013
Office of the Assistant Secretary for Health	7,000	0	6,000	1,000
Office of the Secretary	15,868	0	15,868	0
Social Security Administration	27,100	0	27,100	0

See explanatory information, if any, and SOURCE at end of table.

Table C-6. Estimated Federal obligations for total research and development, by agency and character of work: fiscal year 1994

[Dollars in thousands]

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Agency and subdivision	Total	Research		Development
		Basic	Applied	
Department of Housing & Urban Development	35,450	0	12,776	22,674
Department of the Interior, total	588,502	213,412	331,561	43,529
Bureau of Land Management	7,338	637	5,826	875
Bureau of Mines	90,785	29,037	55,469	6,279
Bureau of Reclamation	7,600	0	6,600	1,000
Geological Survey	361,855	176,138	173,742	11,975
Minerals Management Service	5,024	0	5,024	0
National Park Service	7,700	0	7,700	0
Office of the Secretary	900	0	200	700
United States Fish & Wildlife Service	107,300	7,600	77,000	22,700
Department of Justice, total	45,811	3,397	14,028	28,386
Bureau of Prisons 6/	6,000	0	2,500	3,500
Drug Enforcement Administration	1,800	0	0	1,800
Federal Bureau of Investigation	10,716	0	0	10,716
Immigration & Naturalization Service	400	0	400	0
Office of Justice Programs	26,895	3,397	11,128	12,370
Department of Labor, total	65,617	230	20,483	44,904
Bureau of Labor Statistics	7,000	0	7,000	0
Employment & Training Administration	45,704	100	3,249	42,355
Occupational Safety & Health Administration	3,765	0	3,765	0
Office of the Secretary	5,531	0	3,323	2,208
Pension Benefit Guaranty Corporation	1,037	130	566	341
Pension & Welfare Benefits Administration	2,580	0	2,580	0
Department of State	5,383	4,875	508	0
Department of Transportation, total	687,784	2,340	278,897	406,547
Coast Guard	24,589	0	6,147	18,442
Federal Aviation Administration	272,109	0	75,146	196,963
Federal Highway Administration	263,663	2,340	147,364	113,959
Federal Railroad Administration	61,066	0	13,999	47,067
Federal Transit Administration 7/	30,000	0	6,000	24,000
Maritime Administration	1,741	0	1,741	0
National Highway Traffic Safety Administration	26,978	0	26,978	0
Office of the Secretary	4,578	0	772	3,806
Research & Special Programs Administration	3,060	0	750	2,310
Department of the Treasury, total	27,742	14,312	7,146	6,284
Bureau of Engraving & Printing	5,025	0	5,025	0
Financial Crimes Enforcement Network	1,884	0	0	1,884
Internal Revenue Service 8/	14,312	14,312	0	0
Office of Thrift Supervision 9/	854	0	854	0
United States Customs Service	4,900	0	650	4,250
United States Mint	150	0	0	150
United States Secret Service 10/	617	0	617	0
Department of Veterans Affairs	206,000	11,900	161,800	32,300

See explanatory information, if any, and SOURCE at end of table.

Table C-6. Estimated Federal obligations for total research and development, by agency and character of work: fiscal year 1994

[Dollars in thousands]

Agency and subdivision	Total	Research		Development
		Basic	Applied	
Other agencies:				
Advisory Commission on Intergovernmental Relations	1,939	0	1,939	0
Agency for International Development	421,639	5,711	277,152	138,776
Appalachian Regional Commission	900	0	900	0
Consumer Product Safety Commission	380	0	147	233
Environmental Protection Agency	655,900	180,000	396,900	79,000
Federal Communications Commission	1,745	0	1,745	0
Federal Trade Commission	876	0	876	0
Library of Congress	10,230	501	1,605	8,124
National Aeronautics & Space Administration	8,636,955	1,991,324	2,104,741	4,540,890
National Archives & Records Administration	310	150	130	30
National Science Foundation	2,216,967	2,047,491	169,476	0
Nuclear Regulatory Commission	122,094	0	122,094	0
Smithsonian Institution	100,900	100,900	0	0
Tennessee Valley Authority	117,063	2,080	25,271	89,712
United States Arms Control & Disarmament Agency	1,000	0	1,000	0
United States Information Agency	656	0	656	0
United States International Trade Commission	14,291	0	14,291	0

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

6/ Formerly listed as Federal Prison System

7/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

8/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

9/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

10/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-7. Federal obligations for total research and development, by agency and performer: fiscal year 1992

[Dollars in millions]

Agency and subdivision	Total	Intramural 1/	Extramural							
			United States and territories							
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	Foreign
Total, all agencies	65,592.6	15,690.1	29,744.8	2,009.8	10,271.2	3,855.5	2,803.6	745.6	184.1	287.9
Departments										
Department of Agriculture, total	1,327.1	862.2	8.4	-	438.0	.0	11.6	.0	2.0	5.0
Agricultural Cooperative Service	3.4	3.1	.0	.0	.3	.0	.0	.0	.0	.0
Agricultural Marketing Service 2/	4.7	4.6	.0	.0	.2	.0	.0	.0	.0	.0
Agricultural Research Service	627.1	595.2	.0	.0	23.0	.0	3.8	.0	.2	4.9
Animal & Plant Health Inspection Service	16.7	16.5	.0	.0	.2	.0	.0	.0	.0	.0
Cooperative State Rasearch Svc	418.2	20.7	5.7	.0	383.9	.0	6.8	.0	1.2	.0
Economic Research Service	58.9	56.7	.0	.0	2.2	.0	.0	.0	.0	.0
Federal Grain Inspection Service	1.5	1.2	.0	.0	.3	.0	.0	.0	.0	.0
Forest Service	180.7	151.1	1.5	.0	26.4	.0	1.0	.0	.6	.1
Human Nutrition Information Svc	10.7	8.6	1.2	.0	.9	.0	.0	.0	.0	.0
Nat'l Agricultural Statistics Svc	3.6	3.5	.0	-	.1	.0	.0	.0	.0	.0
Office of International Cooperation & Development	1.5	1.2	.0	.0	.4	.0	.0	.0	.0	.0
Department of Commerce, total	651.2	512.3	46.3	.0	77.1	.2	6.8	.3	8.1	-
Bureau of the Census	5.3	4.7	.0	.0	.7	.0	.0	.0	.0	.0
Economic Development Admin	.5	.2	.0	.0	.2	.0	.1	.0	.0	.0
National Institute of Standards & Technology	179.0	133.2	32.7	.0	6.0	.2	6.6	.3	.0	-
National Oceanic & Atmospheric Administration	462.4	370.3	13.6	.0	70.2	.0	.1	.0	8.1	-
National Telecommunications & Information Administration	4.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0
Department of Defense, research 3/	4,073.4	1,510.1	1,439.5	37.6	912.3	70.3	73.7	12.3	.2	17.4
Department of Defense, development 3/	32,056.1	7,091.2	22,668.0	297.6	490.4	598.0	260.8	521.2	2.8	126.0
Department of the Army research and development (R&D)	6,854.2	2,715.7	3,671.0	21.3	130.0	193.3	70.3	35.0	-	17.6
Department of the Navy R&D	8,030.8	3,065.7	4,190.1	153.6	451.4	9.6	69.5	61.9	.0	29.0
Department of the Air Force R&D	13,427.1	1,115.8	11,786.8	9.2	154.5	42.6	23.3	287.7	.2	7.1
Defense agencies R&D	7,571.7	1,603.0	4,341.0	151.3	664.0	421.7	169.7	131.7	2.1	87.2
Operational Test & Evaluation R&D, Director	12.4	1.3	.0	.0	.0	.0	.2	11.0	.0	.0
Test & Evaluation R&D, Deputy Under Secretary Defense	233.2	99.8	118.5	.0	2.8	1.2	1.6	6.2	.6	2.6
Department of Education	168.5	11.0	8.8	.0	104.6	.0	42.5	.0	1.6	.0
Department of Energy	6,172.2	335.5	1,026.0	1,606.5	640.4	2,227.1	152.4	162.6	18.9	2.8
Dept of Health & Human Svcs, total	8,987.8	1,783.0	377.4	17.1	5,188.0	22.7	1,440.0	17.4	89.8	52.4
Administration on Aging 4/	20.2	.8	.0	.0	1.5	.0	10.1	.0	7.9	.0
Admin for Children & Families 4/ 5/	39.2	1.2	3.5	.0	5.3	.0	26.5	.0	2.6	.0
Agency for Health Care Policy & Research 6/	106.3	26.2	14.3	.0	48.5	.0	17.1	.0	.0	.1
Centers for Disease Control	146.9	74.7	5.5	.0	43.5	.0	22.9	.0	.3	.0
Food & Drug Administration	135.7	121.9	.0	.0	9.3	.0	4.3	.0	.2	.0
Health Care Financing Admin	75.5	.1	15.6	.0	7.2	.0	35.8	.0	16.6	.1
Health Resources & Svcs Admin	10.1	3.0	.0	.0	5.7	.0	1.5	.0	.0	.0
National Institutes of Health 7/	8,409.2	1,527.7	333.7	17.1	5,063.6	22.7	1,314.4	17.4	60.4	52.2
Office of the Assistant Secretary for Health	6.7	6.0	.0	.0	.5	.0	.1	.0	.0	.0
Office of the Secretary	5.0	.9	1.1	.0	1.0	.0	1.0	.0	1.1	.0
Social Security Administration	33.0	20.6	3.6	.0	1.8	.0	6.4	.0	.7	.0

See explanatory information, if any, and SOURCE at end of table.

Table C-7. Federal obligations for total research and development, by agency and performer: fiscal year 1992

[Dollars in millions]

Page 2 of 3

Agency and subdivision	Total	Intramural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Department of Housing & Urban Dvlpmt	25.1	16.2	3.7	.0	0.2	.0	5.1	.0	.0	.0
Department of the Interior, total	609.2	513.2	29.2	3.1	57.4	.0	1.0	.0	3.7	1.5
Bureau of Land Management	6.3	3.6	.0	.0	2.7	.0	.0	.0	.0	.0
Bureau of Mines	107.1	79.2	13.7	3.1	11.1	.0	.0	.0	.0	.0
Bureau of Reclamation	13.2	12.1	.0	.0	.9	.0	.2	.0	.0	.0
Geological Survey	361.4	319.9	14.4	.0	22.6	.0	.6	.0	3.7	.1
Minerals Management Service	3.8	1.7	.3	.1	.3	.0	-	.0	.0	1.4
National Park Service	31.1	19.0	.0	.0	12.0	.0	.1	.0	.0	.0
Office of the Secretary	.9	.1	.8	.0	.0	.0	.0	.0	.0	.0
Office of Surface Mining Reclamation & Enforcement	.3	-	.0	.0	.3	.0	.0	.0	.0	.0
US Fish & Wildlife Service	85.1	77.6	.0	.0	7.5	.0	.0	.0	.0	.0
Department of Justice, total	48.0	15.7	8.0	.2	5.0	.0	13.4	.0	5.7	.0
Bureau of Prisons 8/	5.9	2.7	.1	.0	.0	.0	.5	.0	2.7	.0
Drug Enforcement Administration	1.4	.4	.8	.2	.0	.0	.0	.0	.0	.0
Federal Bureau of Investigation	10.9	10.9	.0	.0	.0	.0	.0	.0	.0	.0
Immigration & Naturalization Svc	.4	-	.0	.0	.0	.0	.4	.0	.0	.0
Office of Justice Programs	29.4	1.7	7.2	.0	5.0	.0	12.6	.0	3.0	.0
Department of Labor, total	51.7	14.1	11.8	.0	1.2	.0	6.1	.0	18.6	.0
Bureau of Labor Statistics	7.6	7.6	.0	.0	.0	.0	.0	.0	.0	.0
Employment & Training Admin	31.7	2.5	4.6	.0	1.0	.0	5.1	.0	18.5	.0
Occupational Safety & Health Administration	3.1	1.1	1.9	.0	.0	.0	.0	.0	.0	.0
Office of the Secretary	5.9	1.9	2.7	.0	.2	.0	1.0	.0	-	.0
Pension Benefit Guaranty Corp	.9	.3	.6	.0	.0	.0	.0	.0	.0	.0
Pension & Welfare Benefit Admin	2.6	.7	1.9	.0	.0	.0	.0	.0	.0	.0
Department of State	5.6	.4	.1	.0	.2	.0	4.9	.0	.0	.0
Department of Transportation, total	445.0	247.3	117.7	2.7	35.0	.0	12.0	17.5	12.2	.6
Coast Guard	20.1	14.2	5.1	.0	.7	.0	.0	.0	.0	.0
Federal Aviation Administration	236.2	189.1	22.0	.0	7.5	.0	.0	17.5	.0	.0
Federal Highway Administration	130.2	13.0	75.3	1.7	22.6	.0	6.7	.0	10.6	.4
Federal Railroad Administration	22.7	12.0	5.7	.0	.2	.0	3.3	.0	1.5	.0
Federal Transit Administration 9/	1.7	.9	.0	.0	.8	.0	.0	.0	.0	.0
Maritime Administration	1.8	1.1	.6	.0	.1	.0	.0	.0	.0	.0
National Highway Traffic Safety Administration	25.8	12.2	7.3	.9	3.0	.0	2.0	.0	.2	.2
Office of the Secretary	4.1	2.9	1.2	.0	.0	.0	.0	.0	.0	.0
Research & Special Programs Administration	2.5	1.8	.5	.0	.2	.0	.0	.0	.0	.0
Department of the Treasury, total	24.6	16.3	8.2	.0	.0	0.1	.0	.0	.0	.0
Bureau of Engraving & Printing	2.0	1.9	.0	.0	.0	.1	.0	.0	.0	.0
Financial Crimes Enforcement Network	1.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0
Internal Revenue Service 10/	17.9	11.9	5.9	.0	.0	.0	.0	.0	.0	.0
Office of Thrift Supervision 11/	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0
United States Customs Service	2.2	.3	2.0	.0	.0	.0	.0	.0	.0	.0
United States Secret Service 12/	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0
Department of Veterans Affairs	223.9	221.4	.0	.0	2.5	.0	.0	.0	.0	.0

See explanatory information, if any, and SOURCE at end of table.

Table C-7. Federal obligations for total research and development, by agency and performer: fiscal year 1992

[Dollars in millions]

Page 3 of 3

Agency and subdivision	Total	Intramural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Other agencies:										
Advisory Commission on Intergovernmental Relations	1.7	1.7	.0	.0	.0	.0	.0	.0	.0	.0
Agency for International Development	365.9	10.5	25.9	.0	33.0	.0	254.3	.0	.0	42.3
Appalachian Regional Commission	1.9	-	1.8	.0	.1	.0	.0	.0	.1	.0
Consumer Product Safety Commission	1.1	1.1	.1	.0	.0	.0	.0	.0	.0	.0
Environmental Protection Agency	483.9	87.6	146.2	.0	151.8	.2	85.1	.0	12.9	.0
Federal Communications Commission	1.6	1.6	.0	.0	.0	.0	.0	.0	.0	.0
Federal Trade Commission	1.3	1.3	.0	.0	.0	.0	.0	.0	.0	.0
Library of Congress	10.3	10.3	.0	.0	.0	.0	.0	.0	.0	.0
National Aeronautics & Space Admin	7,657.6	2,210.3	3,765.0	.0	586.3	791.0	265.2	2.2	5.0	32.6
National Archives & Records Admin	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0
National Science Foundation	1,868.4	10.9	44.1	.4	1,540.4	124.3	141.4	.3	2.7	3.8
Nuclear Regulatory Commission	119.0	22.2	7.4	44.3	5.9	21.5	2.7	11.6	.0	3.4
Smithsonian Institution	98.0	98.0	.0	.0	.0	.0	.0	.0	.0	.0
Tennessee Valley Authority	97.3	71.3	.0	.0	1.5	.0	24.5	.0	.0	.0
US Arms Control & Disarmament Agency	2.1	.3	1.3	.1	.1	.1	.0	.3	.0	.0
US International Trade Commission	12.3	12.3	.0	.0	.0	.0	.0	.0	.0	.0

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ Beginning with Volume XL, Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at off-campus, university-affiliated laboratories that are not involved in teaching.

4/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

5/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

6/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

7/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

8/ Formerly listed as Federal Prison System

9/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

10/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

11/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

12/ Formerly listed as Office of Protective Research

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-8. Estimated Federal obligations for total research and development, by agency and performer: fiscal year 1993

[Dollars in millions]

Agency and subdivision	Total	Intramural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Total, all agencies	71,445.1	17,199.4	33,394.5	1,309.7	11,335.9	3,494.7	3,359.5	823.0	254.3	274.0
Departments:										
Department of Agriculture, total	1,330.6	868.3	8.2	-	436.2	.0	12.2	.0	2.0	3.6
Agricultural Cooperative Service	3.5	3.0	.0	.0	.5	.0	.0	.0	.0	.0
Agricultural Marketing Service 2/	4.9	4.9	.0	.0	.0	.0	.0	.0	.0	.0
Agricultural Research Service	626.2	595.5	.0	.0	23.2	.0	3.8	.0	.2	3.6
Animal & Plant Health Inspection Service	16.8	16.4	.0	.0	.4	.0	.0	.0	.0	.0
Cooperative State Research Svc	418.6	20.7	6.7	.0	383.3	.0	6.8	.0	1.2	.0
Economic Research Service	58.9	58.1	.0	.0	.8	.0	.0	.0	.0	.0
Federal Grain Inspection Service	1.2	1.1	.0	.0	.1	.0	.0	.0	.0	.0
Forest Service	186.7	156.4	1.5	.0	27.1	.0	1.0	.0	.6	.1
Human Nutrition Information Svc	8.5	7.3	-	.0	.6	.0	.6	.0	.0	.0
Nat'l Agricultural Statistics Svc	3.6	3.4	.0	-	.2	.0	.0	.0	.0	.0
Office of International Cooperation & Development	1.5	1.4	.0	.0	.2	.0	.0	.0	.0	.0
Department of Commerce, total	736.0	559.7	92.3	.0	69.9	.9	7.1	.3	5.8	-
Bureau of the Census	5.1	5.1	.0	.0	.0	.0	.0	.0	.0	.0
National Institute of Standards & Technology	261.2	175.0	73.9	.0	5.0	.2	7.0	.3	.0	-
National Oceanic & Atmospheric Administration	465.5	375.5	18.4	.0	65.0	.7	.1	.0	5.8	.0
National Telecommunications & Information Administration	4.1	4.1	.0	.0	.0	.0	.0	.0	.0	.0
Department of Defense, research 3/	4,875.7	1,765.1	1,794.7	36.2	1,080.3	98.7	69.4	12.3	.2	19.0
Department of Defense, development 3/	34,111.1	7,612.9	24,372.6	145.4	435.7	387.8	471.0	567.2	2.9	115.6
Department of the Army research and development (R&D)	6,403.6	2,878.5	3,141.9	42.4	128.5	113.7	56.1	35.0	-	7.5
Department of the Navy R&D	10,206.0	3,105.5	6,454.8	4.7	450.2	10.1	100.2	51.2	.0	29.4
Department of the Air Force R&D	13,889.0	1,116.9	12,125.1	8.9	194.6	51.0	36.6	348.0	.2	7.7
Defense agencies R&D	8,234.6	2,175.5	4,313.6	125.1	740.0	311.2	347.4	130.1	1.6	90.0
Operational Test & Evaluation R&D, Director	12.0	.7	.0	.0	.0	.0	.0	11.3	.0	.0
Test & Evaluation R&D, Deputy Under Secretary Defense	241.6	100.8	131.8	.4	2.8	.5	.0	3.9	1.3	.0
Department of Education	176.7	11.1	8.4	.0	107.7	.0	47.9	.0	1.6	.0
Department of Energy	6,586.1	442.6	1,957.9	1,051.1	571.9	2,191.6	149.3	199.0	19.6	3.0
Dept of Health & Human Svcs, total	10,343.7	2,072.9	425.9	20.4	5,925.9	27.1	1,691.4	20.8	97.0	62.3
Administration on Aging 4/	19.7	.8	.0	.0	1.5	.0	10.1	.0	7.3	.0
Admin for Children & Families 4/ 5/	21.1	.5	1.5	.0	2.6	.0	14.9	.0	1.5	.0
Agency for Health Care Policy & Research 6/	114.8	31.0	3.2	.0	52.8	.0	27.8	.0	.0	.0
Centers for Disease Control	149.5	74.0	5.5	.0	45.7	.0	24.1	.0	.3	.0
Food & Drug Administration	139.1	125.1	.0	.0	9.4	.0	4.4	.0	.2	.0
Health Care Financing Admin	68.7	.8	14.4	.0	6.9	.0	32.4	.0	14.0	.2
Health Resources & Svcs Admin	10.5	3.4	.0	.0	5.7	.0	1.5	.0	.0	.0
National Institutes of Health 7/	9,771.1	1,810.1	397.4	20.4	5,795.5	27.1	1,565.9	20.8	71.8	62.2
Office of the Assistant Secretary for Health	1.0	.1	.0	.0	.7	.0	.2	.0	.0	.0
Office of the Secretary	8.0	1.5	1.0	.0	4.0	.0	1.5	.0	-	.0
Social Security Administration	40.1	25.6	3.0	.0	1.1	.0	8.7	.0	1.7	.0

See explanatory information, if any, and SOURCE at end of table.

Table C-8. Estimated Federal obligations for total research and development, by agency and performer: fiscal year 1993

[Dollars in millions]

Page 2 of 3

Agency and subdivision	Total	Intra-mural 1/	Extramural								
			United States and territories								Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Department of Housing & Urban Dvlpmt	26.4	15.9	6.2	.0	0.4	.0	4.0	.0	.0	.0
Department of the Interior, total	612.2	516.2	34.8	2.2	54.0	.0	1.2	.0	2.8	1.0
Bureau of Land Management	3.9	5.3	.0	.0	3.7	.0	.0	.0	.0	.0
Bureau of Mines	116.1	80.6	21.9	2.0	11.6	.0	.0	.0	.0	.0
Bureau of Reclamation	9.7	9.0	.0	.0	.6	.0	.1	.0	.0	.0
Geological Survey	355.0	321.1	11.5	.0	18.7	.0	.9	.0	2.8	.1
Minerals Management Service	5.0	1.8	.6	.2	1.6	.0	.0	.0	.0	.9
National Park Service	32.0	21.8	.0	.0	10.0	.0	.3	.0	.0	.0
Office of the Secretary	.9	.1	.8	.0	.0	.0	.0	.0	.0	.0
Office of Surface Mining Reclamation & Enforcement	.4	-	.0	.0	.4	.0	.0	.0	.0	.0
US Fish & Wildlife Service	84.1	76.6	.0	.0	7.5	.0	.0	.0	.0	.0
Department of Justice, total	45.9	14.2	7.4	.1	3.5	.0	16.0	.0	4.7	.0
Bureau of Prisons 8/	6.1	2.5	.0	.0	.1	.0	.5	.0	3.0	.0
Drug Enforcement Administration	.8	-	.7	.1	.0	.0	.0	.0	.0	.0
Federal Bureau of Investigation	10.7	10.7	.0	.0	.0	.0	.0	.0	.0	.0
Immigration & Naturalization Svc	.4	-	.0	.0	.0	.0	.4	.0	.0	.0
Office of Justice Programs	27.9	.9	6.7	.0	3.4	.0	15.2	.0	1.7	.0
Department of Labor, total	65.3	13.2	13.2	.0	.6	.0	5.1	.0	33.2	.0
Bureau of Labor Statistics	6.9	6.9	.0	.0	.0	.0	.0	.0	.0	.0
Employment & Training Admin	45.7	1.6	6.0	.0	.5	.0	4.4	.0	33.2	.0
Occupational Safety & Health Administration	3.7	1.2	2.5	.0	.0	.0	.0	.0	.0	.0
Office of the Secretary	5.5	2.5	2.2	.0	.1	.0	.7	.0	-	.0
Pension Benefit Guaranty Corp	.8	.2	.6	.0	.0	.0	.0	.0	.0	.0
Pension & Welfare Benefit Admin	2.6	.7	1.9	.0	.0	.0	.0	.0	.0	.0
Department of State	5.4	.4	.1	.0	.0	.0	4.9	.0	.0	.0
Department of Transportation, total	747.4	286.7	255.8	12.8	57.8	.0	80.5	7.2	46.1	.7
Coast Guard	35.4	25.1	9.6	.0	.7	.0	.0	.0	.0	.0
Federal Aviation Administration	270.2	198.2	57.4	.0	7.4	.0	.0	7.2	.0	.0
Federal Highway Administration	334.7	26.7	160.4	12.6	39.9	.0	72.9	.0	21.8	.5
Federal Railroad Administration	36.2	13.6	15.6	.0	.1	.0	5.4	.0	1.5	.0
Federal Transit Administration 9/	30.0	1.0	.0	.0	6.4	.0	.0	.0	22.6	.0
Maritime Administration	1.7	1.0	.7	.0	.1	.0	.0	.0	.0	.0
National Highway Traffic Safety Administration	31.6	15.2	10.7	.2	3.0	.0	2.2	.0	.2	.2
Office of the Secretary	5.3	4.3	1.0	.0	.0	.0	.0	.0	.0	.0
Research & Special Programs Administration	2.4	1.7	.5	.0	.2	.0	.0	.0	.0	.0
Department of the Treasury, total	16.6	10.3	4.2	.0	.0	0.1	.0	1.9	.0	.0
Bureau of Engraving & Printing	3.7	3.5	.0	.0	.0	.1	.0	.0	.0	.0
Financial Crimes Enforcement Network	1.5	1.5	.0	.0	.0	.0	.0	.0	.0	.0
Internal Revenue Service 10/	5.8	3.9	.0	.0	.0	.0	.0	1.9	.0	.0
Office of Thrift Supervision 11/	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0
United States Customs Service	3.2	.3	2.9	.0	.0	.0	.0	.0	.0	.0
United States Mint	1.1	.1	1.0	.0	.0	.0	.0	.0	.0	.0
United States Secret Service 12/	.6	.2	.3	.0	.0	.0	.0	.0	.0	.0
Department of Veterans Affairs	242.7	240.2	.0	.0	2.6	.0	.0	.0	.0	.0

See explanatory information, if any, and SOURCE at end of table.

Table C-8. Estimated Federal obligations for total research and development, by agency and performer: fiscal year 1993

[Dollars in millions]

Page 3 of 3

Agency and subdivision	Total	Intramural 1/	Extramural								
			United States and territories								Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts		
Other agencies:											
Advisory Commission on Intergovernmental Relations	2.5	2.5	.0	.0	.0	.0	.0	.0	.0		.0
Agency for International Development	381.0	10.5	23.4	.0	27.7	.0	289.2	.0	.0		30.2
Appalachian Regional Commission	.9	.4	.0	.0	.2	.0	.0	.0	.4		.0
Consumer Product Safety Commission	1.3	1.1	.1	.0	.0	.0	.0	.0	.0		.0
Environmental Protection Agency	520.7	112.6	213.7	.0	124.3	.2	39.6	.0	30.3		.0
Federal Communications Commission	1.8	1.8	.0	.0	.0	.0	.0	.0	.0		.0
Federal Trade Commission	.8	.8	.0	.0	.0	.0	.0	.0	.0		.0
Library of Congress	10.2	10.2	.0	.0	.0	.0	.0	.0	.0		.0
National Aeronautics & Space Admin	8,190.3	2,397.1	4,102.2	.0	726.0	641.5	283.6	2.2	5.0		32.6
National Archives & Records Admin	.3	.3	.0	.0	.0	.0	.0	.0	.0		.0
National Science Foundation	2,072.6	15.9	56.0	.4	1,705.1	128.5	159.6	.2	2.8		4.1
Nuclear Regulatory Commission	119.7	22.5	16.7	41.0	4.7	18.3	2.5	12.0	.0		2.0
Smithsonian Institution	100.0	100.0	.0	.0	.0	.0	.0	.0	.0		.0
Tennessee Valley Authority	106.4	80.0	.0	.0	1.5	.0	24.9	.0	.0		.0
US Arms Control & Disarmament Agency	1.0	.2	.6	.1	-	.0	.0	.1	.0		.0
United States Information Agency	1.2	1.2	.0	.0	.0	.0	.0	.0	.0		.0
US International Trade Commission	12.5	12.5	.0	.0	.0	.0	.0	.0	.0		.0

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ Beginning with Volume XL, Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at off-campus, university-affiliated laboratories that are not involved in teaching.

4/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging

5/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

6/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

7/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

8/ Formerly listed as Federal Prison System

9/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

10/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

11/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

12/ Formerly listed as Office of Protective Research

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-9. Estimated Federal obligations for total research and development, by agency and performer: fiscal year 1994

[Dollars in millions]

Page 1 of 3

Agency and subdivision	Total	Intramural 1/	Extramural								
			United States and territories								Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Total, all agencies	71,243.7	17,542.4	32,938.9	1,253.2	11,639.9	3,268.3	3,175.5	901.8	256.6	268.1
Departments:										
Department of Agriculture, total	1,367.9	900.7	12.3	-	441.5	.0	7.5	.0	2.2	3.7
Agricultural Cooperative Service	3.6	3.6	.0	.0	.0	.0	.0	.0	.0	.0
Agricultural Marketing Service 2/	4.9	4.9	.0	.0	.0	.0	.0	.0	.0	.0
Agricultural Research Service	640.2	609.3	.0	.0	23.2	.0	3.9	.0	.2	3.6
Animal & Plant Health Inspection Service	16.7	16.3	.0	.0	.4	.0	.0	.0	.0	.0
Cooperative State Research Svc	416.5	20.9	6.6	.0	385.2	.0	2.5	.0	1.2	.0
Economic Research Service	51.5	50.7	.0	.0	.8	.0	.0	.0	.0	.0
Federal Grain Inspection Service	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0
Forest Service	215.2	180.3	1.7	.0	31.2	.0	1.2	.0	.7	.1
Human Nutrition Information Svc	13.1	8.8	3.9	.0	.4	.0	.0	.0	.0	.0
Nat'l Agricultural Statistics Svc	3.7	3.5	.0	-	.2	.0	.0	.0	.0	.0
Office of International Cooperation & Development	1.6	1.4	.0	.0	.2	.0	.0	.0	.0	.0
Department of Commerce, total	896.8	653.9	142.9	.0	87.1	.7	6.7	.3	5.2	-
Bureau of the Census	5.2	5.2	.0	.0	0	.0	.0	.0	.0	.0
Economic Development Admin	.5	.2	.0	.0	.2	.0	.1	.0	.0	.0
National Institute of Standards & Technology	381.6	244.3	123.5	.0	6.9	.2	6.5	.3	.0	-
National Oceanic & Atmospheric Administration	504.2	399.0	19.4	.0	80.1	.5	.1	.0	5.2	.0
National Telecommunications & Information Administration	5.2	5.2	.0	.0	.0	.0	.0	.0	.0	.0
Department of Defense, research 3/	4,415.9	1,514.8	1,609.5	12.8	1,090.5	98.9	64.9	7.5	.1	16.9
Department of Defense, development 3/	33,107.0	7,651.1	23,820.5	106.9	397.1	270.8	160.6	584.2	3.0	112.8
Department of the Army research and development (R&D)	5,608.3	2,596.7	2,721.5	15.0	124.8	65.6	42.2	34.1	.0	8.6
Department of the Navy R&D	9,370.0	3,019.6	5,794.1	1.1	424.3	6.5	30.0	62.1	.0	32.4
Department of the Air Force R&D	13,994.3	1,099.7	12,216.9	13.7	195.2	55.6	41.5	365.3	.1	6.2
Defense agencies R&D	8,267.1	2,341.9	4,547.5	89.9	737.9	239.9	111.8	114.0	1.6	82.6
Operational Test & Evaluation R&D, Director	12.6	1.0	.0	.0	.0	.0	.0	11.6	.0	.0
Test & Evaluation R&D, Deputy Under Secretary Defense	270.6	107.0	150.0	.0	5.5	2.1	.0	4.6	1.3	.0
Department of Education	185.6	10.9	12.2	.0	113.6	.5	46.4	.0	1.9	.0
Department of Energy	6,581.9	499.6	1,981.8	1,048.6	608.5	2,014.8	147.1	258.4	20.5	2.6
Dept of Health & Human Svcs, total	10,722.5	2,213.3	451.5	21.1	6,037.3	28.6	1,777.2	21.9	105.9	65.6
Administration on Aging 4/	20.3	.9	.0	.0	1.5	.0	10.1	.0	7.9	.0
Admin for Children & Families 4/ 5/	18.5	.5	1.5	.0	2.4	.0	13.4	.0	.8	.0
Agency for Health Care Policy & Research 6/	144.8	39.5	2.1	.0	67.8	.0	35.4	.0	.0	.0
Centers for Disease Control	183.1	104.0	5.5	.0	48.0	.0	25.3	.0	.3	.0
Food & Drug Administration	151.2	135.8	.0	.0	10.4	.0	4.8	.0	.3	.0
Health Care Financing Admin	68.6	.8	17.5	.0	9.8	.0	22.9	.0	17.6	.2
Health Resources & Svcs Admin	10.9	3.7	.0	.0	5.7	.0	1.5	.0	.0	.0
National Institutes of Health 7/	10,075.1	1,907.7	418.6	21.1	5,886.0	28.6	1,650.0	21.9	75.7	65.5
Office of the Assistant Secretary for Health	7.0	6.1	.0	.0	.7	.0	.2	.0	.0	.0
Office of the Secretary	15.9	3.0	2.5	.0	4.0	.0	4.9	.0	1.5	.0
Social Security Administration	27.1	11.4	3.9	.0	1.0	.0	8.9	.0	1.9	.0

See explanatory information, if any, and SOURCE at end of table.

Table C-9. Estimated Federal obligations for total research and development, by agency and performer: fiscal year 1994

[Dollars in millions]

Page 2 of 3

Agency and subdivision	Total	Intramural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Department of Housing & Urban Dvlpmt	35.5	20.8	10.6	.0	0.4	.0	3.7	.0	.0	.0
Department of the Interior, total	588.5	517.1	35.3	0.1	30.6	0.4	.9	0.1	3.0	0.9
Bureau of Land Management	7.3	4.3	.0	.0	3.1	.0	0	.0	.0	.0
Bureau of Mines	90.8	67.6	22.9	.0	.3	.0	.0	.0	.0	.0
Bureau of Reclamation	7.6	7.1	.0	.0	.0	.4	.0	.1	.0	.0
Geological Survey	361.9	332.1	10.8	.0	15.0	.0	.9	.0	3.0	.0
Minerals Management Service	5.0	1.8	.9	.1	1.3	.0	.0	.0	.0	.9
National Park Service	7.7	5.2	.0	.0	2.5	.0	.0	.0	.0	.0
Office of the Secretary	.9	.1	.8	.0	.0	.0	.0	.0	.0	.0
US Fish & Wildlife Service	107.3	98.9	.0	.0	8.4	.0	.0	.0	.0	.0
Department of Justice, total	45.8	14.6	7.6	.3	3.4	.0	15.3	.0	4.7	.0
Bureau of Prisons 8/	6.0	2.5	.0	.0	.0	.0	.5	.0	3.0	.0
Drug Enforcement Administration	1.8	.1	1.5	.3	.0	.0	.0	.0	.0	.0
Federal Bureau of Investigation	10.7	10.7	.0	.0	.0	.0	.0	.0	.0	.0
Immigration & Naturalization Svc	.4	-	.0	.0	.0	.0	.4	.0	.0	.0
Office of Justice Programs	26.9	1.3	6.2	.0	3.4	.0	14.4	.0	1.7	.0
Department of Labor, total	65.6	14.0	12.7	.0	.6	.0	5.1	.0	33.2	.0
Bureau of Labor Statistics	7.0	7.0	.0	.0	.0	.0	.0	.0	.0	.0
Employment & Training Admin	45.7	1.6	6.0	.0	.5	.0	4.4	.0	33.2	.0
Occupational Safety & Health Administration	3.8	1.3	2.5	.0	.0	.0	.0	.0	.0	.0
Office of the Secretary	5.5	3.0	1.7	.0	.1	.0	.7	.0	.0	.0
Pension Benefit Guaranty Corp	1.0	.5	.6	.0	.0	.0	.0	.0	.0	.0
Pension & Welfare Benefit Admin	2.6	.7	1.9	.0	.0	.0	.0	.0	.0	.0
Department of State	5.4	.4	.1	.0	.0	.0	4.9	.0	.0	.0
Department of Transportation, total	687.8	252.7	278.0	18.7	48.4	.0	51.1	8.3	29.9	.8
Coast Guard	24.6	17.5	6.6	.0	.5	.0	.0	.0	.0	.0
Federal Aviation Administration	272.1	179.9	76.5	.0	7.5	.0	.0	8.3	.0	.0
Federal Highway Administration	263.7	17.3	149.4	18.6	30.7	.0	40.1	.0	7.2	.5
Federal Railroad Administration	61.1	17.8	34.5	.0	.1	.0	8.6	.0	.0	.0
Federal Transit Administration 9/	30.0	1.0	.0	.0	6.5	.0	.0	.0	22.5	.0
Maritime Administration	1.7	9	.7	.0	.1	.0	.0	.0	0	.0
National Highway Traffic Safety Administration	27.0	12.7	8.2	.2	3.0	.0	2.4	.0	.2	.3
Office of the Secretary	4.6	3.3	1.3	.0	.0	.0	.0	.0	.0	.0
Research & Special Programs Administration	3.1	2.2	8	.0	.0	.0	.0	.0	0	.0
Department of the Treasury, total	27.7	17.9	4.9	.0	.0	2	.0	4.7	.0	.0
Bureau of Engraving & Printing	5.0	4.9	.0	.0	.0	2	.0	.0	.0	.0
Financial Crimes Enforcement Network	1.9	1.9	.0	.0	.0	.0	.0	.0	.0	.0
Internal Revenue Service 10/	14.3	9.6	.0	.0	.0	.0	.0	4.7	.0	.0
Office of Thrift Supervision 11/	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0
United States Customs Service	4.9	.3	4.6	.0	.0	.0	.0	.0	.0	.0
United States Mint	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
United States Secret Service 12/	.6	.3	.3	.0	.0	.0	.0	.0	.0	.0
Department of Veterans Affairs	206.0	203.5	.0	.0	2.6	.0	.0	.0	.0	.0

See explanatory information, if any, and SOURCE at end of table.

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Table C-9. Estimated Federal obligations for total research and development, by agency and performer: fiscal year 1994

[Dollars in millions]

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Agency and subdivision	Total	Intramural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Other agencies:										
Advisory Commission on Intergovernmental Relations	1.9	1.9	.0	.0	.0	.0	.0	.0	.0	.0
Agency for International Development	421.6	8.6	20.1	.0	25.9	.0	341.8	.0	.0	25.3
Appalachian Regional Commission	.9	.1	.6	.0	.1	.0	.0	.0	.2	.0
Consumer Product Safety Commission	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0
Environmental Protection Agency	655.9	134.9	266.6	.0	169.1	.4	46.0	.0	38.9	.0
Federal Communications Commission	1.7	1.7	.0	.0	.0	.0	.0	.0	.0	.0
Federal Trade Commission	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0
Library of Congress	10.2	10.2	.0	.0	.0	.0	.0	.0	.0	.0
National Aeronautics & Space Admin	8,637.0	2,652.7	4,194.2	.0	750.0	701.2	299.1	2.2	5.0	32.6
National Archives & Records Admin	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0
National Science Foundation	2,217.0	16.6	63.7	.5	1,828.1	130.3	170.3	.2	2.9	4.5
Nuclear Regulatory Commission	122.1	22.1	11.1	44.0	3.7	22.6	2.0	14.1	.0	2.4
Smithsonian Institution	100.9	100.9	.0	.0	.0	.0	.0	.0	.0	.0
Tennessee Valley Authority	117.1	90.6	.0	.0	1.5	.0	25.0	.0	.0	.0
US Arms Control & Disarmament Agency	1.0	.2	.6	.1	*	.0	.0	.1	.0	.0
United States Information Agency	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0
US International Trade Commission	14.3	14.3	.0	.0	.0	.0	.0	.0	.0	.0

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ Beginning with Volume XL, Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at off-campus, university-affiliated laboratories that are not involved in teaching.

4/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

5/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

6/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

7/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

8/ Formerly listed as Federal Prison System

9/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

10/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

11/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

12/ Formerly listed as Office of Protective Research

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers
* = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-10. Federal obligations for research and development and for R&D plant to Federally funded research and development centers, by agency: fiscal year 1992

[Dollars in thousands]

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Agency and subdivision	Research and development				R&D plant			
	Total, all FFRDCs	FFRDCs admin by industrial firms	FFRDCs admin by univs & colleges	FFRDCs admin by other nonprofit insts	Total, all FFRDCs	FFRDCs admin by industrial firms	FFRDCs admin by univs & colleges	FFRDCs admin by other nonprofit insts
Total, all agencies	6,610,876	2,009,767	3,855,467	745,642	827,986	202,223	579,492	46,271
Departments:								
Department of Agriculture, total	18	18	0	0	0	0	0	0
Nat'l Agricultural Statistics Svc	18	18	0	0	0	0	0	0
Department of Commerce, total	403	0	153	250	0	0	0	0
National Institute of Standards & Technology	403	0	153	250	0	0	0	0
Department of Defense, total	1,537,051	335,282	668,287	533,482	0	0	0	0
Department of the Army	249,491	21,252	193,278	34,961	0	0	0	0
Department of the Navy	225,134	153,612	9,609	61,913	0	0	0	0
Department of the Air Force	339,462	9,163	42,550	287,749	0	0	0	0
Defense agencies	704,617	151,255	421,683	131,679	0	0	0	0
Operational Test & Evaluation, Director	11,020	0	0	11,020	0	0	0	0
Test & Evaluation, Deputy Under Secretary Defense	7,327	0	1,167	6,160	0	0	0	0
Department of Energy	3,996,214	1,606,502	2,227,109	162,603	807,872	202,223	559,378	46,271
Dept of Health & Human Svcs, total	57,232	17,078	22,745	17,409	0	0	0	0
National Institutes of Health 1/	57,232	17,078	22,745	17,409	0	0	0	0
Department of the Interior, total	3,137	3,137	0	0	0	0	0	0
Bureau of Mines	3,055	3,055	0	0	0	0	0	0
Minerals Management Service	82	82	0	0	0	0	0	0
Department of Justice, total	230	230	0	0	0	0	0	0
Drug Enforcement Administration	230	230	0	0	0	0	0	0
Department of Transportation, total	20,215	2,673	0	17,542	0	0	0	0
Federal Aviation Administration	17,542	0	0	17,542	0	0	0	0
Federal Highway Administration	1,727	1,727	0	0	0	0	0	0
National Highway Traffic Safety Administration	946	946	0	0	0	0	0	0
Department of the Treasury, total	85	0	85	0	0	0	0	0
Bureau of Engraving & Printing	85	0	85	0	0	0	0	0
Other agencies:								
Environmental Protection Agency	189	0	189	0	0	0	0	0
National Aeronautics & Space Admin	793,228	0	791,023	2,205	8,555	0	8,555	0
National Science Foundation	125,065	434	124,293	338	11,559	0	11,559	0
Nuclear Regulatory Commission	77,409	44,313	21,533	11,563	0	0	0	0
US Arms Control & Disarmament Agency	400	100	50	250	0	0	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-11. Estimated Federal obligations for research and development and for R&D plant to Federally funded research and development centers, by agency: fiscal year 1993

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Research and development				R&D plant			
	Total, all FFRDCs	FFRDCs admin by industrial firms	FFRDCs admin by univs & colleges	FFRDCs admin by other nonprofit insts	Total, all FFRDCs	FFRDCs admin by industrial firms	FFRDCs admin by univs & colleges	FFRDCs admin by other nonprofit insts
Total, all agencies	5,627,384	1,309,662	3,494,680	823,042	844,081	195,221	590,652	58,208
Departments:								
Department of Agriculture, total	20	20	0	0	0	0	0	0
Nat'l Agricultural Statistics Svc	20	20	0	0	0	0	0	0
Department of Commerce, total	1,141	0	891	250	0	0	0	0
National Institute of Standards & Technology	403	0	153	250	0	0	0	0
National Oceanic & Atmospheric Administration	738	0	738	0	0	0	0	0
Department of Defense, total	1,247,522	181,520	486,550	579,452	0	0	0	0
Department of the Army	191,047	42,357	113,719	34,971	0	0	0	0
Department of the Navy	65,990	4,740	10,073	51,177	0	0	0	0
Department of the Air Force	407,851	8,894	50,966	347,991	0	0	0	0
Defense agencies	566,485	125,093	311,247	130,145	0	0	0	0
Operational Test & Evaluation, Director	11,300	0	0	11,300	0	0	0	0
Test & Evaluation, Deputy Under Secretary Defense	4,849	436	545	3,868	0	0	0	0
Department of Energy	3,441,691	1,051,147	2,191,566	198,978	817,721	195,221	564,292	58,208
Dept of Health & Human Svcs, total	68,211	20,360	27,087	20,764	0	0	0	0
National Institutes of Health 1/	68,211	20,360	27,087	20,764	0	0	0	0
Department of the Interior, total	2,215	2,215	0	0	0	0	0	0
Bureau of Mines	2,040	2,040	0	0	0	0	0	0
Minerals Management Service	175	175	0	0	0	0	0	0
Department of Justice, total	100	100	0	0	0	0	0	0
Drug Enforcement Administration	100	100	0	0	0	0	0	0
Department of Transportation, total	19,927	12,760	0	7,167	0	0	0	0
Federal Aviation Administration	7,167	0	0	7,167	0	0	0	0
Federal Highway Administration	12,590	12,590	0	0	0	0	0	0
National Highway Traffic Safety Administration	170	170	0	0	0	0	0	0
Department of the Treasury, total	2,065	0	133	1,932	0	0	0	0
Bureau of Engraving & Printing	133	0	133	0	0	0	0	0
Internal Revenue Service 2/	1,932	0	0	1,932	0	0	0	0
Other agencies:								
Environmental Protection Agency	200	0	200	0	0	0	0	0
National Aeronautics & Space Admin	643,747	0	641,542	2,205	10,364	0	10,364	0
National Science Foundation	129,068	433	128,451	184	15,996	0	15,996	0
Nuclear Regulatory Commission	71,302	41,007	18,260	12,035	0	0	0	0
US Arms Control & Disarmament Agency	175	100	0	75	0	0	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

2/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-12. Estimated Federal obligations for research and development and for R&D plant to Federally funded research and development centers, by agency: fiscal year 1994

[Dollars in thousands]

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Agency and subdivision	Research and development				R&D plant			
	Total, all FFRDCs	FFRDCs admin by industrial firms	FFRDCs admin by univs & colleges	FFRDCs admin by other nonprofit insts	Total, all FFRDCs	FFRDCs admin by industrial firms	FFRDCs admin by univs & colleges	FFRDCs admin by other nonprofit insts
Total, all agencies	5,424,265	1,253,179	3,269,258	901,828	869,764	183,834	616,897	69,033
Departments:								
Department of Agriculture, total	20	20	0	0	0	0	0	0
Nat'l Agricultural Statistics Svc	20	20	0	0	0	0	0	0
Department of Commerce, total	903	0	653	250	0	0	0	0
National Institute of Standards & Technology	403	0	153	250	0	0	0	0
National Oceanic & Atmospheric Administration	500	0	500	0	0	0	0	0
Department of Defense, total	1,081,027	119,715	369,670	591,642	0	0	0	0
Department of the Army	114,627	14,997	65,565	34,065	0	0	0	0
Department of the Navy	69,647	1,060	6,481	62,106	0	0	0	0
Department of the Air Force	434,640	13,748	55,598	365,294	0	0	0	0
Defense agencies	443,826	89,910	239,926	113,990	0	0	0	0
Operational Test & Evaluation, Director	11,625	0	0	11,625	0	0	0	0
Test & Evaluation, Deputy Under Secretary Defense	6,662	0	2,100	4,562	0	0	0	0
Department of Education	545	0	545	0	0	0	0	0
Department of Energy	3,321,805	1,048,578	2,014,788	258,439	842,248	183,834	589,381	69,033
Dept of Health & Human Svcs, total	71,528	21,103	28,560	21,865	0	0	0	0
National Institutes of Health 1/	71,528	21,103	28,560	21,865	0	0	0	0
Department of the Interior, total	645	125	420	100	0	0	0	0
Bureau of Reclamation	520	0	420	100	0	0	0	0
Minerals Management Service	125	125	0	0	0	0	0	0
Department of Justice, total	300	300	0	0	0	0	0	0
Drug Enforcement Administration	300	300	0	0	0	0	0	0
Department of Transportation, total	26,991	18,741	0	8,250	0	0	0	0
Federal Aviation Administration	8,250	0	0	8,250	0	0	0	0
Federal Highway Administration	18,566	18,566	0	0	0	0	0	0
National Highway Traffic Safety Administration	175	175	0	0	0	0	0	0
Department of the Treasury, total	4,914	0	167	4,747	0	0	0	0
Bureau of Engraving & Printing	167	0	167	0	0	0	0	0
Internal Revenue Service 2/	4,747	0	0	4,747	0	0	0	0
Other agencies:								
Environmental Protection Agency	400	0	400	0	0	0	0	0
National Aeronautics & Space Admin	703,390	0	701,185	2,205	9,118	0	9,118	0
National Science Foundation	130,911	454	130,265	192	18,398	0	18,398	0
Nuclear Regulatory Commission	80,711	44,043	22,605	14,063	0	0	0	0
US Arms Control & Disarmament Agency	175	100	0	75	0	0	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

2/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-13. Federal obligations for research and development to Federally funded research and development centers (FFRDCs), by individual FFRDC and agency: fiscal year 1992

[Dollars in thousands]

Page 1 of 1

Federally funded research and development centers (FFRDCs)	Total	Dept of Commerce	Dept of Defense	Dept of Energy	Dept of Health & Human Services	National Aero-nautics & Space Admin	National Science Founda-tion	Other
Total, all FFRDCs	6,610,876	403	1,537,051	3,996,214	57,232	793,228	125,065	101,683
FFRDCs administered by industrial firms	2,009,767	0	335,282	1,606,502	17,078	0	434	50,471
Bettis Atomic Power Laboratory	318,395	0	90,376	228,019	0	0	0	0
Energy Technology Engineering Center	13,231	0	0	13,146	0	0	0	85
Hanford Engineering Development Lab	9,765	0	576	9,189	0	0	0	0
Idaho National Engineering Laboratory	134,220	0	4,515	111,934	0	0	0	17,771
Knolls Atomic Power Laboratory	361,461	0	61,651	299,810	0	0	0	0
NCI Frederick Cancer R&D Center	16,430	0	450	0	15,980	0	0	0
Oak Ridge National Laboratory	291,305	0	11,626	259,369	1,098	0	434	18,778
Sandia National Laboratory	801,367	0	166,088	621,442	0	0	0	13,837
Savannah River Laboratory	63,593	0	0	63,593	0	0	0	0
FFRDCs administered by universities & colleges	3,855,467	153	668,287	2,227,109	22,745	791,023	124,293	21,857
Ames Laboratory	24,808	0	341	24,467	0	0	0	0
Argonne National Laboratory	256,434	0	10,748	241,468	0	100	135	3,983
Brookhaven National Laboratory	217,953	152	964	199,324	4,403	0	1,191	11,919
Continuous Electron Beam Accelerator Facility	23,597	0	0	23,597	0	0	0	0
Fermi National Accelerator Laboratory	166,220	0	0	165,880	0	280	60	0
Institute for Advanced Technology	7,078	0	7,078	0	0	0	0	0
Jet Propulsion Laboratory	963,504	0	174,909	4,170	0	784,425	0	0
Lawrence Berkeley Laboratory	160,124	0	1,374	147,580	9,216	1,863	91	0
Lawrence Livermore National Laboratory	802,136	1	158,997	637,825	2,149	1,094	36	2,034
Lincoln Laboratory	190,266	0	184,151	0	6,044	71	0	0
Los Alamos National Scientific Lab	623,077	0	98,558	520,507	0	594	0	3,418
National Astronomy & Ionosphere Center	7,347	0	0	0	0	0	7,347	0
National Ctr for Atmospheric Research	54,564	0	186	0	0	2,596	51,593	189
Nat'l Optical Astronomy Observatories	28,510	0	0	0	0	0	28,510	0
National Radio Astronomy Observatory	35,315	0	0	0	0	0	35,315	0
Oak Ridge Inst for Science & Education	21,716	0	1,670	18,784	933	0	15	314
Princeton Plasma Physics Laboratory	109,719	0	286	109,433	0	0	0	0
Software Engineering Institute	29,025	0	29,025	0	0	0	0	0
Stanford Linear Accelerator Center	134,074	0	0	134,074	0	0	0	0
FFRDCs administered by other nonprofit institutions 1/	745,642	250	533,482	162,603	17,409	2,205	338	29,355
Aerospace Corporation	223,686	0	221,199	115	0	2,131	241	0
Arroyo Center	18,131	0	18,131	0	0	0	0	0
C3I Federal Contract Research Center	156,896	250	156,549	0	0	0	97	0
Center for Advanced Aviation System Development	35,410	0	17,868	0	0	0	0	17,542
Center for Naval Analyses	42,493	0	42,493	0	0	0	0	0
Center for Nuclear Waste Regulatory Analyses	3,040	0	0	0	0	0	0	3,040
Inhalation Toxicology Research Inst	7,516	0	0	7,516	0	0	0	0
Institute for Defense Analyses	49,378	0	49,278	0	0	0	0	100
Logistics Management Institute	2,045	0	2,045	0	0	0	0	0
National Defense Research Institute	23,634	0	19,739	0	3,745	0	0	150
Nat'l Renewable Energy Research Lab	77,847	0	0	74,459	3,361	27	0	0
Pacific Northwest Laboratories	105,566	0	6,180	80,513	10,303	47	0	8,523

1/ Other than universities and colleges

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-14. Federal obligations for R&D plant to Federally funded research and development centers (FFRDCs), by individual FFRDC and agency: fiscal year 1992

[Dollars in thousands]

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Federally funded research and development centers (FFRDCs)	Total	Dept of Commerce	Dept of Defense	Dept of Energy	Dept of Health & Human Services	National Aero-nautics & Space Admin	National Science Founda-tion	Other
Total, all FFRDCs	827,986	0	0	807,872	0	8,555	11,559	0
FFRDCs administered by industrial firms	202,223	0	0	202,223	0	0	0	0
Bettis Atomic Power Laboratory	35,375	0	0	35,375	0	0	0	0
Idaho National Engineering Laboratory	7,820	0	0	7,820	0	0	0	0
Knolls Atomic Power Laboratory	55,073	0	0	55,073	0	0	0	0
Oak Ridge National Laboratory	24,837	0	0	24,837	0	0	0	0
Sandia National Laboratory	76,857	0	0	76,857	0	0	0	0
Savannah River Laboratory	2,261	0	0	2,261	0	0	0	0
FFRDCs administered by universities & colleges	579,492	0	0	559,378	0	8,555	11,559	0
Ames Laboratory	3,061	0	0	3,061	0	0	0	0
Argonne National Laboratory	118,056	0	0	118,056	0	0	0	0
Brookhaven National Laboratory	91,507	0	0	91,507	0	0	0	0
Continuous Electron Beam Accelerator Facility	53,700	0	0	53,700	0	0	0	0
Fermi National Accelerator Laboratory	59,962	0	0	59,962	0	0	0	0
Jet Propulsion Laboratory	8,555	0	0	0	0	8,555	0	0
Lawrence Berkeley Laboratory	37,230	0	0	37,230	0	0	0	0
Lawrence Livermore National Laboratory	94,130	0	0	94,130	0	0	0	0
Los Alamos National Scientific Lab	65,645	0	0	65,645	0	0	0	0
National Astronomy & Ionosphere Center	4,403	0	0	0	0	0	4,403	0
National Ctr for Atmospheric Research	7,156	0	0	0	0	0	7,156	0
Oak Ridge Inst for Science & Education	131	0	0	131	0	0	0	0
Princeton Plasma Physics Laboratory	7,420	0	0	7,420	0	0	0	0
Stanford Linear Accelerator Center	28,536	0	0	28,536	0	0	0	0
FFRDCs administered by other nonprofit institutions 1/	46,271	0	0	46,271	0	0	0	0
Inhalation Toxicology Research Inst	1,080	0	0	1,080	0	0	0	0
Nat'l Renewable Energy Research Lab	17,242	0	0	17,242	0	0	0	0
Pacific Northwest Laboratories	27,949	0	0	27,949	0	0	0	0

1/ Other than universities and colleges

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-15. Federal obligations for research, by agency and performer: fiscal year 1992

[Dollars in thousands]

Page 1 of 3

Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other nonprofit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Total, all agencies	24,490,598	6,615,717	3,451,220	592,403	9,060,674	2,351,777	2,049,647	139,932	109,276	119,952
Departments:										
Department of Agriculture, total	1,260,996	798,541	8,382	18	436,110	0	11,334	0	1,947	4,664
Agricultural Cooperative Service	3,444	3,110	0	0	334	0	0	0	0	0
Agricultural Marketing Service 2/	4,144	3,974	0	0	170	0	0	0	0	0
Agricultural Research Service	583,200	553,557	0	0	21,379	0	3,544	0	184	4,536
Cooperative State Research Svc	418,193	20,726	5,659	0	383,867	0	6,783	0	1,158	0
Economic Research Service	58,873	56,654	0	0	2,219	0	0	0	0	0
Federal Grain Inspection Service	1,505	1,178	0	0	327	0	0	0	0	0
Forest Service	175,800	146,180	1,489	0	26,391	0	1,007	0	605	128
Human Nutrition Information Svc	10,703	8,552	1,234	0	917	0	0	0	0	0
Nat'l Agricultural Statistics Svc	3,589	3,451	0	18	120	0	0	0	0	0
Office of International Cooperation & Development	1,545	1,159	0	0	386	0	0	0	0	0
Department of Commerce, total	595,909	481,147	27,074	0	75,898	153	3,666	0	7,939	32
Bureau of the Census	3,380	2,723	0	0	657	0	0	0	0	0
Economic Development Admin	500	196	0	0	194	0	110	0	0	0
National Institute of Standards & Technology	149,393	122,951	16,897	0	5,935	153	3,450	0	0	7
National Oceanic & Atmospheric Administration	438,675	351,316	10,177	0	69,112	0	106	0	7,939	25
National Telecommunications & Information Administration	3,961	3,961	0	0	0	0	0	0	0	0
Department of Defense, total	4,073,406	1,510,095	1,439,453	37,635	912,317	70,266	73,726	12,318	157	17,439
Department of the Army	932,739	593,125	189,255	3,621	97,159	20,850	19,634	3,097	3	5,995
Department of the Navy	892,830	403,163	181,878	17,175	262,921	6,828	13,131	1,790	0	5,944
Department of the Air Force	790,500	308,739	328,688	470	131,882	776	15,801	1,698	154	2,292
Defense agencies	1,457,337	205,068	739,632	16,369	420,355	41,812	25,160	5,733	0	3,208
Department of Education	126,972	8,380	6,197	0	87,411	0	23,702	0	1,282	0
Department of Energy	3,412,535	136,040	295,345	489,951	605,233	1,663,054	128,945	90,644	1,419	1,904
Dept of Health & Human Svcs, total	7,945,519	1,562,872	321,388	14,264	4,639,872	20,926	1,253,907	15,332	72,977	43,981
Administration on Aging 3/	2,459	156	0	0	788	0	1,350	0	165	0
Admin for Children & Families 3/ 4/	34,347	1,114	3,492	0	4,961	0	23,657	0	1,123	0
Agency for Health Care Policy & Research 5/	97,821	17,725	14,318	0	48,537	0	17,101	0	0	140
Centers for Disease Control	146,900	74,659	5,470	0	43,509	0	22,940	0	322	0
Food & Drug Administration	135,700	121,893	0	0	9,300	0	4,279	0	228	0
Health Care Financing Admin	75,491	101	15,638	0	7,240	0	35,769	0	16,628	115
Health Resources & Svcs Admin	10,125	2,961	0	0	5,668	0	1,496	0	0	0
National Institutes of Health 6/	7,398,728	1,316,827	277,802	14,264	4,517,143	20,926	1,139,968	15,332	52,740	43,726
Office of the Assistant Secretary for Health	5,971	5,971	0	0	0	0	0	0	0	0
Office of the Secretary	4,977	870	1,085	0	964	0	996	0	1,062	0
Social Security Administration	33,000	20,595	3,583	0	1,762	0	6,351	0	709	0

See explanatory information, if any, and SOURCE at end of table.

Table C-15. Federal obligations for research, by agency and performer: fiscal year 1992

[Dollars in thousands]

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Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other nonprofit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Department of Housing & Urban Dvlpmt	8,807	6,641	984	0	102	0	1,080	0	0	0
Department of the Interior, total	570,595	488,888	16,093	3,015	56,419	0	972	0	3,721	1,487
Bureau of Land Management	5,940	3,453	0	0	2,487	0	0	0	0	0
Bureau of Mines	102,910	75,799	13,038	2,933	11,140	0	0	0	0	0
Bureau of Reclamation	10,700	10,160	0	0	315	0	225	0	0	0
Geological Survey	344,478	315,027	2,623	0	22,398	0	607	0	3,721	102
Minerals Management Service	3,815	1,698	282	82	343	0	25	0	0	1,385
National Park Service	31,098	19,000	0	0	11,983	0	115	0	0	0
Office of the Secretary	200	50	150	0	0	0	0	0	0	0
Office of Surface Mining Reclamation & Enforcement	254	1	0	0	253	0	0	0	0	0
US Fish & Wildlife Service	71,200	63,700	0	0	7,500	0	0	0	0	0
Department of Justice, total	20,343	3,806	1,259	0	4,442	0	8,819	0	2,017	0
Bureau of Prisons 7/	2,500	1,975	25	0	0	0	500	0	0	0
Drug Enforcement Administration	100	100	0	0	0	0	0	0	0	0
Immigration & Naturalization Svc	400	40	0	0	0	0	360	0	0	0
Office of Justice Programs	17,343	1,691	1,234	0	4,442	0	7,959	0	2,017	0
Department of Labor, total	23,814	12,433	8,877	0	576	0	1,905	0	23	0
Bureau of Labor Statistics	7,600	7,600	0	0	0	0	0	0	0	0
Employment & Training Admin	5,640	1,203	2,515	0	500	0	1,399	0	23	0
Occupational Safety & Health Administration	3,094	1,145	1,949	0	0	0	0	0	0	0
Office of the Secretary	4,118	1,661	1,875	0	76	0	506	0	0	0
Pension Benefit Guaranty Corp	812	174	638	0	0	0	0	0	0	0
Pension & Welfare Benefit Admin	2,550	650	1,900	0	0	0	0	0	0	0
Department of State	5,554	373	110	0	200	0	4,871	0	0	0
Department of Transportation, total	156,870	52,229	63,132	2,673	17,054	0	9,855	8,169	3,135	623
Coast Guard	5,014	3,418	896	0	700	0	0	0	0	0
Federal Aviation Administration	30,108	14,046	7,893	0	0	0	0	8,169	0	0
Federal Highway Administration	73,212	10,707	40,763	1,727	12,878	0	5,224	0	1,485	428
Federal Railroad Administration	18,859	9,613	4,905	0	176	0	2,665	0	1,500	0
Maritime Administration	1,751	1,086	565	0	100	0	0	0	0	0
National Highway Traffic Safety Administration	25,774	12,227	7,290	946	3,000	0	1,966	0	150	195
Office of the Secretary	740	123	617	0	0	0	0	0	0	0
Research & Special Programs Administration	1,412	1,009	203	0	200	0	0	0	0	0
Department of the Treasury, total	20,821	14,534	6,202	0	0	85	0	0	0	0
Bureau of Engraving & Printing	1,766	1,681	0	0	0	85	0	0	0	0
Internal Revenue Service 8/	17,521	11,709	5,812	0	0	0	0	0	0	0
Office of Thrift Supervision 9/	815	815	0	0	0	0	0	0	0	0
United States Customs Service	190	100	90	0	0	0	0	0	0	0
United States Secret Service 10/	529	229	300	0	0	0	0	0	0	0
Department of Veterans Affairs	200,900	200,159	0	0	741	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-15. Federal obligations for research, by agency and performer: fiscal year 1992

[Dollars in thousands]

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Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other nonprofit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Other agencies:										
Advisory Commission on Intergovernmental Relations	1,730	1,730	0	0	0	0	0	0	0	0
Agency for International Dvlpmt	300,050	10,286	25,277	0	29,440	0	208,804	0	0	26,243
Appalachian Regional Commission	1,900	35	1,759	0	50	0	0	0	56	0
Consumer Product Safety Commission	788	760	28	0	0	0	0	0	0	0
Environmental Protection Agency	404,300	76,577	122,053	0	136,030	189	59,683	0	9,768	0
Federal Communications Commission	1,648	1,648	0	0	0	0	0	0	0	0
Federal Trade Commission	1,285	1,285	0	0	0	0	0	0	0	0
Library of Congress	1,772	1,772	0	0	0	0	0	0	0	0
National Aeronautics & Space Admin	3,229,305	1,079,895	1,054,743	0	511,782	451,228	111,830	1,318	2,120	16,389
National Archives & Records Admin	605	605	0	0	0	0	0	0	0	0
National Science Foundation	1,868,397	10,910	44,097	434	1,540,404	124,293	141,401	338	2,715	3,805
Nuclear Regulatory Commission	119,049	22,225	7,449	44,313	5,885	21,533	2,696	11,563	0	3,385
Smithsonian Institution	97,999	97,999	0	0	0	0	0	0	0	0
Tennessee Valley Authority	24,391	21,282	0	0	658	0	2,451	0	0	0
US Arms Control & Disarmament Agency	2,058	290	1,318	100	50	50	0	250	0	0
US International Trade Commission	12,280	12,280	0	0	0	0	0	0	0	0

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

4/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

5/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

6/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

7/ Formerly listed as Federal Prison System

8/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission

9/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

10/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-16. Estimated Federal obligations for research, by agency and performer: fiscal year 1993

[Dollars in thousands]

Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other nonprofit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Total, all agencies	27,451,807	7,401,195	4,233,374	647,987	10,075,947	2,372,375	2,323,046	151,695	127,520	118,668
Departments:										
Department of Agriculture, total	1,263,769	804,096	8,210	20	434,163	0	11,938	0	1,969	3,373
Agricultural Cooperative Service	3,518	3,018	0	0	500	0	0	0	0	0
Agricultural Marketing Service 2/	4,244	4,244	0	0	0	0	0	0	0	0
Agricultural Research Service	582,377	553,775	0	0	21,576	0	3,540	0	184	3,302
Cooperative State Research Svc	418,642	20,746	6,670	0	383,284	0	6,772	0	1,170	0
Economic Research Service	58,925	58,125	0	0	800	0	0	0	0	0
Federal Grain Inspection Service	1,191	1,141	0	0	50	0	0	0	0	0
Forest Service	181,200	150,932	1,497	0	27,069	0	1,016	0	615	71
Human Nutrition Information Svc	8,538	7,321	43	0	564	0	610	0	0	0
Nat'l Agricultural Statistics Svc	3,589	3,409	0	20	160	0	0	0	0	0
Office of International Cooperation & Development	1,545	1,385	0	0	160	0	0	0	0	0
Department of Commerce, total	632,976	500,603	57,008	0	65,666	153	3,950	0	5,589	7
Bureau of the Census	3,032	3,032	0	0	0	0	0	0	0	0
National Institute of Standards & Technology	200,147	143,899	47,378	0	4,860	153	3,850	0	0	7
National Oceanic & Atmospheric Administration	425,693	349,568	9,630	0	60,806	0	100	0	5,589	0
National Telecommunications & Information Administration	4,104	4,104	0	0	0	0	0	0	0	0
Department of Defense, total	4,875,743	1,765,051	1,794,662	36,157	1,080,308	98,703	69,366	12,293	177	19,026
Department of the Army	1,069,788	675,643	270,946	4,727	93,051	9,092	9,028	1,892	0	5,409
Department of the Navy	1,038,000	437,188	287,539	1,362	281,442	6,518	15,410	2,104	0	6,437
Department of the Air Force	978,500	415,488	393,667	341	156,441	848	7,640	165	177	3,733
Defense agencies	1,789,455	236,732	842,510	29,727	549,374	82,245	37,288	8,132	0	3,447
Department of Education	129,347	8,556	5,869	0	88,594	0	25,050	0	1,278	0
Department of Energy	3,602,132	188,107	398,040	538,497	530,916	1,703,696	135,157	104,177	1,493	2,049
Dept of Health & Human Svcs, total	9,140,498	1,814,166	359,987	17,022	5,298,844	24,953	1,474,973	18,302	79,895	52,356
Administration on Aging 3/	2,456	153	0	0	788	0	1,350	0	165	0
Admin for Children & Families 3/ 4/	17,795	462	1,488	0	2,334	0	13,021	0	490	0
Agency for Health Care Policy & Research 5/	105,650	21,854	3,170	0	52,825	0	27,801	0	0	0
Centers for Disease Control	149,500	73,968	5,470	0	45,684	0	24,056	0	322	0
Food & Drug Administration	139,100	125,094	0	0	9,391	0	4,381	0	234	0
Health Care Financing Admin	68,700	831	14,396	0	6,855	0	32,435	0	14,033	150
Health Resources & Svcs Admin	10,549	3,385	0	0	5,668	0	1,496	0	0	0
National Institutes of Health 6/	8,598,601	1,561,319	331,503	17,022	5,170,199	24,953	1,360,233	18,302	62,864	52,206
Office of the Secretary	8,047	1,500	1,000	0	4,000	0	1,500	0	47	0
Social Security Administration	40,100	25,600	2,960	0	1,100	0	8,700	0	1,740	0

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Estimated Federal obligations for research, by agency and performer: fiscal year 1993

[Dollars in thousands]

Agency and subdivision	Total	Intramural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Department of Housing & Urban Dvlpmt	9,390	6,292	927	0	401	0	1,770	0	0	0
Department of the Interior, total	573,156	489,097	23,879	1,991	53,231	0	1,213	0	2,767	978
Bureau of Land Management	8,002	4,764	0	0	3,238	0	0	0	0	0
Bureau of Mines	108,833	74,793	20,623	1,816	11,601	0	0	0	0	0
Bureau of Reclamation	7,300	6,735	0	0	465	0	100	0	0	0
Geological Survey	342,206	317,497	2,506	0	18,467	0	863	0	2,767	106
Minerals Management Service	5,015	1,807	600	175	1,561	0	0	0	0	872
National Park Service	32,000	21,750	0	0	10,000	0	250	0	0	0
Office of the Secretary	200	50	150	0	0	0	0	0	0	0
Office of Surface Mining Reclamation & Enforcement	400	1	0	0	399	0	0	0	0	0
US Fish & Wildlife Service	69,200	61,700	0	0	7,500	0	0	0	0	0
Department of Justice, total	18,441	2,645	750	0	2,670	0	11,276	0	1,100	0
Bureau of Prisons 7/	2,500	1,960	0	0	40	0	500	0	0	0
Immigration & Naturalization Svc	400	40	0	0	0	0	360	0	0	0
Office of Justice Programs	15,541	645	750	0	2,630	0	10,416	0	1,100	0
Department of Labor, total	20,091	11,289	7,322	0	550	0	880	0	50	0
Bureau of Labor Statistics	6,900	6,900	0	0	0	0	0	0	0	0
Employment & Training Admin	3,349	617	1,502	0	500	0	680	0	50	0
Occupational Safety & Health Administration	3,737	1,239	2,498	0	0	0	0	0	0	0
Office of the Secretary	2,832	1,733	849	0	50	0	200	0	0	0
Pension Benefit Guaranty Corp	693	120	573	0	0	0	0	0	0	0
Pension & Welfare Benefit Admin	2,580	680	1,900	0	0	0	0	0	0	0
Department of State	5,368	387	110	0	0	0	4,871	0	0	0
Department of Transportation, total	333,922	105,644	119,058	12,760	38,088	0	50,245	1,387	6,090	650
Coast Guard	8,854	6,035	2,119	0	700	0	0	0	0	0
Federal Aviation Administration	68,681	57,670	3,880	0	5,744	0	0	1,387	0	0
Federal Highway Administration	189,603	14,016	91,954	12,590	22,744	0	43,424	0	4,425	450
Federal Railroad Administration	25,881	10,449	9,174	0	100	0	4,658	0	1,500	0
Federal Transit Administration 8/	6,000	500	0	0	5,500	0	0	0	0	0
Maritime Administration	1,734	984	650	0	100	0	0	0	0	0
National Highway Traffic Safety Administration	31,611	15,189	10,724	170	3,000	0	2,163	0	165	200
Office of the Secretary	645	138	507	0	0	0	0	0	0	0
Research & Special Programs Administration	913	663	50	0	200	0	0	0	0	0
Department of the Treasury, total	10,970	8,585	320	0	0	133	0	1,932	0	0
Bureau of Engraving & Printing	3,652	3,519	0	0	0	133	0	0	0	0
Internal Revenue Service 9/	5,825	3,893	0	0	0	0	0	1,932	0	0
Office of Thrift Supervision 10/	829	829	0	0	0	0	0	0	0	0
United States Customs Service	100	100	0	0	0	0	0	0	0	0
United States Secret Service 11/	564	244	320	0	0	0	0	0	0	0
Department of Veterans Affairs	204,400	203,600	0	0	800	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-16. Estimated Federal obligations for research, by agency and performer: fiscal year 1993

[Dollars in thousands]

Page 3 of 3

Agency and subdivision	Total	Intramural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Other agencies:										
Advisory Commission on Intergovernmental Relations	2,483	2,483	0	0	0	0	0	0	0	0
Agency for International Dvlpmt	289,821	10,493	22,106	0	24,137	0	215,484	0	0	17,601
Appalachian Regional Commission	900	350	0	0	150	0	0	0	400	0
Consumer Product Safety Commission	850	830	20	0	0	0	0	0	0	0
Environmental Protection Agency	441,800	103,200	174,300	0	113,300	200	29,100	0	21,700	0
Federal Communications Commission	1,838	1,838	0	0	0	0	0	0	0	0
Federal Trade Commission	848	848	0	0	0	0	0	0	0	0
Library of Congress	2,076	2,076	0	0	0	0	0	0	0	0
National Aeronautics & Space Admin	3,558,331	1,196,034	1,187,526	0	633,727	397,826	123,224	1,310	2,180	16,504
National Archives & Records Admin	290	290	0	0	0	0	0	0	0	0
National Science Foundation	2,072,617	15,902	56,021	433	1,705,112	128,451	159,590	184	2,832	4,092
Nuclear Regulatory Commission	119,678	22,542	16,659	41,007	4,674	18,260	2,469	12,035	0	2,032
Smithsonian Institution	99,999	99,999	0	0	0	0	0	0	0	0
Tennessee Valley Authority	25,340	22,259	0	0	591	0	2,490	0	0	0
US Arms Control & Disarmament Agency	1,000	200	600	100	25	0	0	75	0	0
United States Information Agency	1,200	1,200	0	0	0	0	0	0	0	0
US International Trade Commission	12,533	12,533	0	0	0	0	0	0	0	0

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

4/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

5/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

6/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

7/ Formerly listed as Federal Prison System

8/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

9/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

10/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

11/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-17. Estimated Federal obligations for research, by agency and performer: fiscal year 1994

[Dollars in thousands]

Page 1 of 3

Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other nonprofit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Total, all agencies	28,123,803	7,704,083	4,343,745	595,472	10,402,272	2,239,381	2,399,484	181,841	143,180	114,345
Departments:										
Department of Agriculture, total	1,299,802	835,201	12,301	20	439,459	0	7,259	0	2,136	3,426
Agricultural Cooperative Service	3,576	3,576	0	0	0	0	0	0	0	0
Agricultural Marketing Service 2/	4,272	4,272	0	0	0	0	0	0	0	0
Agricultural Research Service	595,856	567,132	0	0	21,576	0	3,615	0	188	3,345
Cooperative State Research Svc	416,452	20,931	6,634	0	385,177	0	2,472	0	1,238	0
Economic Research Service	51,461	50,661	0	0	800	0	0	0	0	0
Federal Grain Inspection Service	1,000	1,000	0	0	0	0	0	0	0	0
Forest Service	208,800	173,921	1,724	0	31,192	0	1,172	0	710	81
Human Nutrition Information Svc	13,142	8,805	3,943	0	394	0	0	0	0	0
Nat'l Agricultural Statistics Svc	3,665	3,485	0	20	160	0	0	0	0	0
Office of International Cooperation & Development	1,578	1,418	0	0	160	0	0	0	0	0
Department of Commerce, total	743,215	566,788	81,303	0	86,265	153	3,815	0	4,884	7
Bureau of the Census	3,101	3,101	0	0	0	0	0	0	0	0
Economic Development Admin	500	196	0	0	194	0	110	0	0	0
National Institute of Standards & Technology	265,536	182,760	72,416	0	6,595	153	3,605	0	0	7
National Oceanic & Atmospheric Administration	468,853	375,506	8,887	0	79,476	0	100	0	4,884	0
National Telecommunications & Information Administration	5,225	5,225	0	0	0	0	0	0	0	0
Department of Defense, total	4,415,904	1,514,830	1,609,497	12,800	1,090,486	98,867	64,855	7,486	146	16,937
Department of the Army	841,773	514,082	207,097	901	95,183	6,990	9,064	1,934	0	6,522
Department of the Navy	969,000	374,134	275,125	1,060	289,162	5,229	15,329	2,589	0	6,372
Department of the Air Force	1,012,400	404,924	433,277	284	161,488	722	8,463	138	146	2,958
Defense agencies	1,592,731	221,690	693,998	10,555	544,653	85,926	31,999	2,825	0	1,085
Department of Education	142,587	8,553	9,575	0	96,558	0	26,276	0	1,625	0
Department of Energy	3,513,206	221,961	342,655	509,716	560,769	1,613,123	129,224	132,382	1,502	1,874
Dept of Health & Human Svcs, total	9,484,344	1,942,454	382,356	17,602	5,400,664	26,322	1,551,982	19,282	88,482	55,200
Administration on Aging 3/	2,474	171	0	0	788	0	1,350	0	165	0
Admin for Children & Families 3/ 4/	17,419	452	1,457	0	2,285	0	12,745	0	480	0
Agency for Health Care Policy & Research 5/	135,645	30,342	2,079	0	67,823	0	35,401	0	0	0
Centers for Disease Control	183,053	104,034	5,470	0	47,968	0	25,259	0	322	0
Food & Drug Administration	151,200	135,795	0	0	10,378	0	4,772	0	255	0
Health Care Financing Admin	68,600	750	17,452	0	9,810	0	22,850	0	17,588	150
Health Resources & Svcs Admin	10,892	3,728	0	0	5,668	0	1,496	0	0	0
National Institutes of Health 6/	8,866,093	1,646,782	349,473	17,602	5,250,944	26,322	1,434,350	19,282	66,288	55,050
Office of the Assistant Secretary for Health	6,000	6,000	0	0	0	0	0	0	0	0
Office of the Secretary	15,868	3,000	2,500	0	4,000	0	4,868	0	1,500	0
Social Security Administration	27,100	11,400	3,925	0	1,000	0	8,891	0	1,884	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Estimated Federal obligations for research, by agency and performer: fiscal year 1994

[Dollars in thousands]

Page 2 of 3

Agency and subdivision	Total	Intramural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Department of Housing & Urban Dvlpmt	12,776	9,931	2,371	0	273	0	201	0	0	0
Department of the Interior, total	544,973	484,613	25,037	125	29,973	300	900	100	3,000	925
Bureau of Land Management	6,463	3,779	0	0	2,684	0	0	0	0	0
Bureau of Mines	84,506	62,677	21,495	0	334	0	0	0	0	0
Bureau of Reclamation	6,600	6,200	0	0	0	300	0	100	0	0
Geological Survey	349,880	328,674	2,542	0	14,764	0	900	0	3,000	0
Minerals Management Service	5,024	1,833	850	125	1,291	0	0	0	0	925
National Park Service	7,700	5,200	0	0	2,500	0	0	0	0	0
Office of the Secretary	200	50	150	0	0	0	0	0	0	0
US Fish & Wildlife Service	84,600	76,200	0	0	8,400	0	0	0	0	0
Department of Justice, total	17,425	2,990	750	0	2,705	0	9,895	0	1,085	0
Bureau of Prisons 7/	2,500	2,000	0	0	0	0	500	0	0	0
Immigration & Naturalization Svc	400	40	0	0	0	0	360	0	0	0
Office of Justice Programs	14,525	950	750	0	2,705	0	9,035	0	1,085	0
Department of Labor, total	20,713	12,113	7,150	0	550	0	850	0	50	0
Bureau of Labor Statistics	7,000	7,000	0	0	0	0	0	0	0	0
Employment & Training Admin	3,349	617	1,502	0	500	0	680	0	50	0
Occupational Safety & Health Administration	3,765	1,267	2,498	0	0	0	0	0	0	0
Office of the Secretary	3,323	2,215	888	0	50	0	170	0	0	0
Pension Benefit Guaranty Corp	696	334	362	0	0	0	0	0	0	0
Pension & Welfare Benefit Admin	2,580	680	1,900	0	0	0	0	0	0	0
Department of State	5,383	402	110	0	0	0	4,871	0	0	0
Department of Transportation, total	281,237	82,989	124,411	10,612	27,488	0	28,447	2,278	4,262	750
Coast Guard	6,147	4,190	1,457	0	500	0	0	0	0	0
Federal Aviation Administration	75,146	47,569	24,494	0	805	0	0	2,278	0	0
Federal Highway Administration	149,704	9,716	83,978	10,437	17,483	0	23,568	0	4,022	500
Federal Railroad Administration	13,999	6,653	4,726	0	100	0	2,520	0	0	0
Federal Transit Administration 8/	6,000	500	0	0	5,500	0	0	0	0	0
Maritime Administration	1,741	941	700	0	100	0	0	0	0	0
National Highway Traffic Safety Administration	26,978	12,739	8,215	175	3,000	0	2,359	0	240	250
Office of the Secretary	772	137	635	0	0	0	0	0	0	0
Research & Special Programs Administration	750	544	206	0	0	0	0	0	0	0
Department of the Treasury, total	21,458	15,724	820	0	0	167	0	4,747	0	0
Bureau of Engraving & Printing	5,025	4,858	0	0	0	167	0	0	0	0
Internal Revenue Service 9/	14,312	9,565	0	0	0	0	0	4,747	0	0
Office of Thrift Supervision 10/	854	854	0	0	0	0	0	0	0	0
United States Customs Service	650	150	500	0	0	0	0	0	0	0
United States Secret Service 11/	617	297	320	0	0	0	0	0	0	0
Department of Veterans Affairs	173,700	172,900	0	0	800	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-17. Estimated Federal obligations for research, by agency and performer: fiscal year 1994

[Dollars in thousands]

Page 3 of 3

Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other nonprofit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Other agencies:										
Advisory Commission on Intergovernmental Relations	1,939	1,939	0	0	0	0	0	0	0	0
Agency for International Dvlpmt	282,863	8,604	19,144	0	21,727	0	222,294	0	0	11,094
Appalachian Regional Commission	900	100	600	0	50	0	0	0	150	0
Consumer Product Safety Commission	147	135	12	0	0	0	0	0	0	0
Environmental Protection Agency	576,900	126,900	227,000	0	157,500	400	34,500	0	30,600	0
Federal Communications Commission	1,745	1,745	0	0	0	0	0	0	0	0
Federal Trade Commission	876	876	0	0	0	0	0	0	0	0
Library of Congress	2,106	2,106	0	0	0	0	0	0	0	0
National Aeronautics & Space Admin	4,096,065	1,510,856	1,423,312	0	654,677	347,179	139,270	1,236	2,331	17,204
National Archives & Records Admin	280	280	0	0	0	0	0	0	0	0
National Science Foundation	2,216,967	16,578	63,685	454	1,828,064	130,265	170,309	192	2,927	4,493
Nuclear Regulatory Commission	122,094	22,117	11,056	44,043	3,739	22,605	2,036	14,063	0	2,435
Smithsonian Institution	100,900	100,900	0	0	0	0	0	0	0	0
Tennessee Valley Authority	27,351	24,351	0	0	500	0	2,500	0	0	0
US Arms Control & Disarmament Agency	1,000	200	600	100	25	0	0	75	0	0
United States Information Agency	656	656	0	0	0	0	0	0	0	0
US International Trade Commission	14,291	14,291	0	0	0	0	0	0	0	0

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

4/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

5/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

6/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

7/ Formerly listed as Federal Prison System

8/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

9/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

10/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

11/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-18. Federal obligations for research, by detailed field of science and engineering: fiscal years 1992, 1993, and 1994

[Dollars in thousands]

Page 1 of 1

Field of science and engineering	1992	Estimates	
		1993	1994
Total, all fields	24,490,598	27,451,807	28,123,803
Life sciences, total	9,910,481	10,950,089	11,372,809
Biological (excluding environmental)	4,380,252	4,939,578	5,148,882
Environmental biology	510,987	537,337	526,482
Agricultural	742,347	731,411	766,363
Medical	3,909,934	4,338,223	4,478,773
Life sciences, n.e.c	366,961	403,540	452,309
Psychology, total	298,129	354,187	346,401
Biological aspects	34,723	38,569	35,266
Social aspects	101,018	127,875	115,312
Psychological sciences, n.e.c.	162,388	187,743	195,823
Physical sciences, total	4,439,162	4,915,464	4,832,467
Astronomy	739,057	816,605	835,061
Chemistry	896,179	1,022,904	1,052,039
Physics	2,578,194	2,805,136	2,703,205
Physical sciences, n.e.c.	225,732	270,819	242,162
Environmental sciences, total	2,207,616	2,411,918	2,542,055
Atmospheric	767,276	846,774	907,579
Geological	735,671	774,638	822,208
Oceanography	458,908	503,722	521,424
Environmental sciences, n.e.c.	245,761	286,784	290,844
Mathematics & computer sciences, total	1,160,294	1,363,022	1,468,682
Mathematics	318,666	358,624	389,288
Computer sciences	771,777	896,796	952,771
Mathematics & computer sciences, n.e.c.	69,851	107,602	126,623
Engineering, total	4,976,967	5,839,936	6,005,491
Aeronautical	874,592	1,102,207	1,295,902
Astronautical	630,408	596,078	674,122
Chemical	297,478	354,330	363,613
Civil	330,240	441,154	444,999
Electrical	759,007	940,743	864,902
Mechanical	337,246	530,297	416,085
Metallurgy & materials	727,206	713,813	842,192
Engineering, n.e.c.	1,020,790	1,161,314	1,103,676
Social sciences, total	689,699	704,346	708,623
Anthropology	14,097	14,918	15,639
Economics	211,560	210,361	216,966
Political science	22,556	19,349	22,343
Sociology	80,688	88,943	95,940
Social sciences, n.e.c.	360,798	370,775	357,735
Other sciences, n.e.c.	808,250	912,845	847,275

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993 and 1994

Table C-19. Federal obligations for research, by agency and field of science and engineering: fiscal year 1992

[Dollars in thousands]

Page 1 of 3

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Total, all agencies	24,490,598	9,910,481	298,129	4,439,162	2,207,616	1,160,294	4,976,967	689,699	808,250
Departments:									
Department of Agriculture, total	1,260,996	956,473	442	86,763	12,154	15,793	65,274	121,599	2,498
Agricultural Cooperative Service	3,444	0	0	0	0	0	0	3,444	0
Agricultural Marketing Service 1/	4,144	4,144	0	0	0	0	0	0	0
Agricultural Research Service	583,200	515,713	0	53,699	3,533	2,696	7,539	20	0
Cooperative State Research Svc	418,193	313,194	0	24,652	3,502	0	27,653	49,192	0
Economic Research Service	58,873	0	0	0	0	0	0	58,873	0
Federal Grain Inspection Service	1,505	1,505	0	0	0	0	0	0	0
Forest Service	175,800	109,669	442	8,412	5,119	9,508	30,082	10,070	2,498
Human Nutrition Information Svc	10,703	10,703	0	0	0	0	0	0	0
Nat'l Agricultural Statistics Svc	3,589	0	0	0	0	3,589	0	0	0
Office of International Cooperation & Development	1,545	1,545	0	0	0	0	0	0	0
Department of Commerce, total	595,909	97,883	396	75,101	252,651	35,390	84,445	16,165	33,878
Bureau of the Census	3,380	0	391	0	0	2,301	0	628	60
Economic Development Admin	500	0	0	0	0	0	0	500	0
National Institute of Standards & Technology	149,393	0	0	58,026	364	17,563	73,215	225	0
National Oceanic & Atmospheric Administration	438,675	97,883	5	17,075	252,287	15,526	7,269	14,812	33,818
National Telecommunications & Information Administration	3,961	0	0	0	0	0	3,961	0	0
Department of Defense, total	4,073,406	342,024	112,434	626,142	259,684	536,983	2,032,672	5,337	158,130
Department of the Army	932,739	173,729	36,119	118,233	45,607	106,094	432,317	1,921	18,719
Department of the Navy	892,830	46,043	30,790	210,889	127,830	55,638	409,133	0	12,507
Department of the Air Force	790,500	46,219	26,880	174,363	20,715	74,423	440,181	211	7,508
Defense agencies	1,457,337	76,033	18,645	122,657	65,532	300,828	751,041	3,205	119,396
Department of Education	126,972	17,398	4,824	0	0	1,316	5,263	98,171	0
Department of Energy	3,412,535	305,861	0	1,923,033	244,054	209,073	711,344	135	19,035
Dept of Health & Human Svcs, total	7,945,519	7,024,312	125,469	154,370	0	20,254	83,683	235,945	301,486
Administration on Aging 2/	2,459	0	0	0	0	0	0	2,459	0
Admin for Children & Families 2/ 3/	34,347	0	0	0	0	0	0	34,347	0
Agency for Health Care Policy & Research 4/	97,821	19,916	79	9	0	1,485	0	50,274	26,058
Centers for Disease Control	146,900	146,900	0	0	0	0	0	0	0
Food & Drug Administration	135,700	135,700	0	0	0	0	0	0	0
Health Care Financing Admin	75,491	0	0	0	0	0	0	75,491	0
Health Resources & Svcs Admin	10,125	10,125	0	0	0	0	0	0	0
National Institutes of Health 5/	7,398,728	6,705,700	125,390	154,361	0	18,769	83,683	35,397	275,428
Office of the Assistant Secretary for Health	5,971	5,971	0	0	0	0	0	0	0
Office of the Secretary	4,977	0	0	0	0	0	0	4,977	0
Social Security Administration	33,000	0	0	0	0	0	0	33,000	0

See explanatory information, if any, and SOURCE at end of table.

Table C-19. Federal obligations for research, by agency and field of science and engineering: fiscal year 1992

[Dollars in thousands]

Page 2 of 3

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Department of Housing & Urban Dvlpmt	8,807	0	0	0	288	188	540	7,374	417
Department of the Interior, total	570,595	105,340	0	30,786	304,072	13,640	112,459	4,298	0
Bureau of Land Management	5,940	4,556	0	0	1,349	0	0	35	0
Bureau of Mines	102,910	0	0	0	8,168	0	94,742	0	0
Bureau of Reclamation	10,700	3,220	0	2,000	0	0	5,480	0	0
Geological Survey	344,478	2,246	0	28,786	291,094	13,480	8,422	450	0
Minerals Management Service	3,815	0	0	0	0	0	3,815	0	0
National Park Service	31,098	24,000	0	0	3,125	160	0	3,813	0
Office of the Secretary	200	0	0	0	200	0	0	0	0
Office of Surface Mining Reclamation & Enforcement	254	118	0	0	136	0	0	0	0
US Fish & Wildlife Service	71,200	71,200	0	0	0	0	0	0	0
Department of Justice, total	20,343	584	1,797	0	0	800	500	14,513	2,149
Bureau of Prisons 6/	2,500	0	500	0	0	0	0	2,000	0
Drug Enforcement Administration	100	0	0	0	0	0	100	0	0
Immigration & Naturalization Svc	400	0	0	0	0	0	400	0	0
Office of Justice Programs	17,343	584	1,297	0	0	800	0	12,513	2,149
Department of Labor, total	23,814	0	0	0	0	0	0	23,814	0
Bureau of Labor Statistics	7,600	0	0	0	0	0	0	7,600	0
Employment & Training Admin	5,640	0	0	0	0	0	0	5,640	0
Occupational Safety & Health Administration	3,094	0	0	0	0	0	0	3,094	0
Office of the Secretary	4,118	0	0	0	0	0	0	4,118	0
Pension Benefit Guaranty Corp	812	0	0	0	0	0	0	812	0
Pension & Welfare Benefit Admin	2,550	0	0	0	0	0	0	2,550	0
Department of State	5,554	0	0	0	0	0	0	5,554	0
Department of Transportation, total	156,870	5,092	9,988	3,526	6,987	20,259	92,643	16,933	1,442
Coast Guard	5,014	0	579	0	582	1,264	2,589	0	0
Federal Aviation Administration	30,108	2,774	3,896	1,909	205	7,864	12,137	0	1,323
Federal Highway Administration	73,212	547	5,513	235	5,985	5,709	46,513	8,710	0
Federal Railroad Administration	18,859	0	0	1,132	0	0	13,955	3,772	0
Maritime Administration	1,751	0	0	0	50	0	1,701	0	0
National Highway Traffic Safety Administration	25,774	1,771	0	0	0	4,907	15,210	3,886	0
Office of the Secretary	740	0	0	250	0	0	450	40	0
Research & Special Programs Administration	1,412	0	0	0	165	515	88	525	119
Department of the Treasury, total	20,821	140	389	1,956	0	11,178	0	7,158	0
Bureau of Engraving & Printing	1,766	0	0	1,766	0	0	0	0	0
Internal Revenue Service 7/	17,521	0	0	0	0	11,178	0	6,343	0
Office of Thrift Supervision 8/	815	0	0	0	0	0	0	815	0
United States Customs Service	190	0	0	190	0	0	0	0	0
United States Secret Service 9/	529	140	389	0	0	0	0	0	0
Department of Veterans Affairs	200,900	184,322	16,275	0	0	0	303	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-19. Federal obligations for research, by agency and field of science and engineering: fiscal year 1992

[Dollars in thousands]

Agency and subdivision	Total	Life sciences	Psy-chology	Physical sciences	Environ-mental sciences	Mathe-matics and com-puter sciences	Engi-neering	Social sciences	Other sciences, n.e.c.
Other agencies:									
Advisory Commission on Intergovernmental Relations	1,730	0	0	0	0	0	0	1,730	0
Agency for International Dvlpmt	300,050	225,314	0	0	0	4,200	219	28,720	41,597
Appalachian Regional Commission	1,900	0	0	0	0	0	0	1,900	0
Consumer Product Safety Commission	788	0	0	112	0	0	676	0	0
Environmental Protection Agency	404,300	164,435	1,438	79,903	73,662	5,782	79,080	0	0
Federal Communications Commission	1,648	0	0	0	0	115	1,199	334	0
Federal Trade Commission	1,285	0	0	0	0	0	0	1,285	0
Library of Congress	1,772	0	0	0	0	0	0	0	1,772
National Aeronautics & Space Admin	3,229,305	145,692	12,334	978,154	631,709	71,686	1,367,787	39	21,904
National Archives & Records Admin	605	0	0	595	0	10	0	0	0
National Science Foundation	1,868,397	297,630	12,343	444,682	414,835	213,392	217,062	54,145	214,308
Nuclear Regulatory Commission	119,049	0	0	0	0	0	119,049	0	0
Smithsonian Institution	97,999	33,713	0	27,535	6,770	0	0	29,981	0
Tennessee Valley Authority	24,391	4,268	0	6,404	750	0	2,769	566	9,634
US Arms Control & Disarmament Agency	2,058	0	0	100	0	235	0	1,723	0
US International Trade Commission	12,280	0	0	0	0	0	0	12,280	0

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

6/ Formerly listed as Federal Prison System

7/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

8/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

9/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-20. Estimated Federal obligations for research, by agency and field of science and engineering: fiscal year 1993

[Dollars in thousands]

Page 1 of 3

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Total, all agencies	27,451,807	10,950,089	354,187	4,915,464	2,411,918	1,363,022	5,839,936	704,346	912,845
Departments:									
Department of Agriculture, total	1,263,769	955,697	455	88,053	12,368	16,135	66,492	121,993	2,576
Agricultural Cooperative Service	3,518	0	0	0	0	0	0	3,518	0
Agricultural Marketing Service 1/	4,244	4,244	0	0	0	0	0	0	0
Agricultural Research Service	582,377	513,418	0	54,750	3,588	2,740	7,861	20	0
Cooperative State Research Svc	418,642	313,735	0	24,636	3,502	0	27,622	49,147	0
Economic Research Service	58,925	0	0	0	0	0	0	58,925	0
Federal Grain Inspection Service	1,191	1,191	0	0	0	0	0	0	0
Forest Service	181,200	113,026	455	8,667	5,278	9,806	31,009	10,383	2,576
Human Nutrition Information Svc	8,538	8,538	0	0	0	0	0	0	0
Nat'l Agricultural Statistics Svc	3,589	0	0	0	0	3,589	0	0	0
Office of International Cooperation & Development	1,545	1,545	0	0	0	0	0	0	0
Department of Commerce, total	632,976	94,995	302	91,837	245,696	43,441	108,656	15,268	32,781
Bureau of the Census	3,032	0	297	0	0	1,970	0	699	66
National Institute of Standards & Technology	200,147	0	0	75,256	522	26,545	97,609	215	0
National Oceanic & Atmospheric Administration	425,693	94,995	5	16,581	245,174	14,926	6,943	14,354	32,715
National Telecommunications & Information Administration	4,104	0	0	0	0	0	4,104	0	0
Department of Defense, total	4,875,743	345,618	127,217	757,347	296,638	652,269	2,459,722	13,863	223,069
Department of the Army	1,069,788	153,912	29,217	128,644	54,589	109,735	559,812	989	32,890
Department of the Navy	1,038,000	52,031	35,024	246,573	139,006	61,461	491,214	0	12,691
Department of the Air Force	978,500	61,922	40,226	208,560	33,238	84,881	537,128	394	12,151
Defense agencies	1,789,455	77,753	22,750	173,570	69,805	396,192	871,568	12,480	165,337
Department of Education	129,347	14,180	4,808	0	0	2,623	5,246	102,490	0
Department of Energy	3,602,132	286,809	0	2,005,850	304,263	221,864	764,598	129	18,619
Dept of Health & Human Svcs, total	9,140,498	8,081,139	145,893	179,586	0	23,942	97,398	232,167	380,373
Administration on Aging 2/	2,456	0	0	0	0	0	0	2,456	0
Admin for Children & Families 2/ 3/	17,795	0	0	0	0	0	0	17,795	0
Agency for Health Care Policy & Research 4/	105,650	21,130	0	0	0	2,113	0	53,882	28,525
Centers for Disease Control	149,500	149,500	0	0	0	0	0	0	0
Food & Drug Administration	139,100	139,100	0	0	0	0	0	0	0
Health Care Financing Admin	68,700	0	0	0	0	0	0	68,700	0
Health Resources & Svcs Admin	10,549	10,549	0	0	0	0	0	0	0
National Institutes of Health 5/	8,598,601	7,760,860	145,893	179,586	0	21,829	97,398	41,187	351,848
Office of the Secretary	8,047	0	0	0	0	0	0	8,047	0
Social Security Administration	40,100	0	0	0	0	0	0	40,100	0

See explanatory information, if any, and SOURCE at end of table.

Table C-20. Estimated Federal obligations for research, by agency and field of science and engineering: fiscal year 1993

[Dollars in thousands]

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Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Department of Housing & Urban Dvlpmt	9,390	0	0	0	64	145	317	7,738	1,126
Department of the Interior, total	573,156	103,730	0	30,256	304,159	14,371	115,405	5,235	0
Bureau of Land Management	8,002	5,762	0	0	2,205	0	0	35	0
Bureau of Mines	108,833	0	0	0	8,104	0	100,729	0	0
Bureau of Reclamation	7,300	3,092	0	1,000	0	0	3,208	0	0
Geological Survey	342,206	1,973	0	29,256	288,953	13,871	7,753	400	0
Minerals Management Service	5,015	0	0	0	1,300	0	3,715	0	0
National Park Service	32,000	23,500	0	0	3,200	500	0	4,800	0
Office of the Secretary	200	0	0	0	200	0	0	0	0
Office of Surface Mining Reclamation & Enforcement	400	203	0	0	197	0	0	0	0
US Fish & Wildlife Service	69,200	69,200	0	0	0	0	0	0	0
Department of Justice, total	18,441	950	2,150	0	0	600	400	13,501	840
Bureau of Prisons 6/	2,500	0	500	0	0	0	0	2,000	0
Immigration & Naturalization Svc	400	0	0	0	0	0	400	0	0
Office of Justice Programs	15,541	950	1,650	0	0	600	0	11,501	840
Department of Labor, total	20,091	0	0	0	0	0	0	20,091	0
Bureau of Labor Statistics	6,900	0	0	0	0	0	0	6,900	0
Employment & Training Admin	3,349	0	0	0	0	0	0	3,349	0
Occupational Safety & Health Administration	3,737	0	0	0	0	0	0	3,737	0
Office of the Secretary	2,832	0	0	0	0	0	0	2,832	0
Pension Benefit Guaranty Corp	693	0	0	0	0	0	0	693	0
Pension & Welfare Benefit Admin	2,580	0	0	0	0	0	0	2,580	0
Department of State	5,368	0	0	0	0	0	0	5,368	0
Department of Transportation, total	333,922	9,830	28,988	6,620	21,436	30,460	207,876	28,712	0
Coast Guard	8,854	0	1,063	0	1,107	2,169	4,515	0	0
Federal Aviation Administration	68,681	3,692	24,386	4,272	1,055	7,422	27,854	0	0
Federal Highway Administration	189,603	2,345	3,539	595	19,124	14,290	131,262	18,448	0
Federal Railroad Administration	25,881	0	0	1,553	0	0	19,152	5,176	0
Federal Transit Administration 7/	6,000	0	0	0	0	0	6,000	0	0
Maritime Administration	1,734	0	0	0	50	0	1,684	0	0
National Highway Traffic Safety Administration	31,611	3,793	0	0	0	6,006	16,754	5,058	0
Office of the Secretary	645	0	0	200	0	0	415	30	0
Research & Special Programs Administration	913	0	0	0	100	573	240	0	0
Department of the Treasury, total	10,970	160	404	3,752	0	5,825	0	829	0
Bureau of Engraving & Printing	3,652	0	0	3,652	0	0	0	0	0
Internal Revenue Service 8/	5,825	0	0	0	0	5,825	0	0	0
Office of Thrift Supervision 9/	829	0	0	0	0	0	0	829	0
United States Customs Service	100	0	0	100	0	0	0	0	0
United States Secret Service 10/	564	160	404	0	0	0	0	0	0
Department of Veterans Affairs	204,400	181,235	17,356	0	0	0	5,809	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-20. Estimated Federal obligations for research, by agency and field of science and engineering: fiscal year 1993

[Dollars in thousands]

Page 3 of 3

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Other agencies:									
Advisory Commission on Intergovernmental Relations	2,483	0	0	0	0	0	0	2,483	0
Agency for International Dvlpmt	289,821	203,402	0	0	0	4,550	926	27,519	53,424
Appalachian Regional Commission	900	0	0	0	0	0	0	900	0
Consumer Product Safety Commission	850	0	0	430	0	0	420	0	0
Environmental Protection Agency	441,800	181,800	1,800	88,400	80,000	9,000	80,800	0	0
Federal Communications Commission	1,838	0	0	0	0	123	1,208	507	0
Federal Trade Commission	848	0	0	0	0	0	0	848	0
Library of Congress	2,076	0	0	0	0	0	0	0	2,076
National Aeronautics & Space Admin	3,558,331	132,528	11,648	1,098,580	680,109	90,615	1,517,679	48	27,124
National Archives & Records Admin	290	0	0	290	0	0	0	0	0
National Science Foundation	2,072,617	318,799	13,166	530,119	458,954	247,059	283,325	60,419	160,776
Nuclear Regulatory Commission	119,678	0	0	0	0	0	119,678	0	0
Smithsonian Institution	99,999	34,929	0	27,912	7,021	0	0	30,137	0
Tennessee Valley Authority	25,340	4,288	0	6,432	1,210	0	2,781	568	10,061
US Arms Control & Disarmament Agency	1,000	0	0	0	0	0	0	1,000	0
United States Information Agency	1,200	0	0	0	0	0	1,200	0	0
US International Trade Commission	12,533	0	0	0	0	0	0	12,533	0

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

6/ Formerly listed as Federal Prison System

7/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

8/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

9/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

10/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-21. Estimated Federal obligations for research, by agency and field of science and engineering: fiscal year 1994

[Dollars in thousands]

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Total, all agencies	28,123,803	11,372,809	346,401	4,832,467	2,542,055	1,468,682	6,005,491	708,623	847,275
Departments:									
Department of Agriculture, total	1,299,802	999,533	525	88,186	12,296	17,761	66,325	112,207	2,969
Agricultural Cooperative Service	3,576	0	0	0	0	0	0	3,576	0
Agricultural Marketing Service 1/	4,272	4,272	0	0	0	0	0	0	0
Agricultural Research Service	595,856	525,384	0	55,970	3,667	2,796	8,019	20	0
Cooperative State Research Svc	416,452	323,917	0	22,229	2,546	0	22,574	45,186	0
Economic Research Service	51,461	0	0	0	0	0	0	51,461	0
Federal Grain Inspection Service	1,000	1,000	0	0	0	0	0	0	0
Forest Service	208,800	130,240	525	9,987	6,083	11,300	35,732	11,964	2,969
Human Nutrition Information Svc	13,142	13,142	0	0	0	0	0	0	0
Nat'l Agricultural Statistics Svc	3,665	0	0	0	0	3,665	0	0	0
Office of International Cooperation & Development	1,578	1,578	0	0	0	0	0	0	0
Department of Commerce, total	743,215	95,309	309	114,134	285,632	56,551	141,526	16,129	33,625
Bureau of the Census	3,101	0	304	0	0	2,014	0	715	68
Economic Development Admin	500	0	0	0	0	0	0	500	0
National Institute of Standards & Technology	265,536	0	0	96,090	623	39,040	129,486	297	0
National Oceanic & Atmospheric Administration	468,853	95,309	5	18,044	285,009	15,497	6,815	14,617	33,557
National Telecommunications & Information Administration	5,225	0	0	0	0	0	5,225	0	0
Department of Defense, total	4,415,904	305,923	128,153	660,532	267,825	652,737	2,250,940	1,843	147,951
Department of the Army	841,773	134,339	28,494	108,507	35,447	70,147	453,218	1,191	10,430
Department of the Navy	969,000	51,680	33,468	225,683	145,025	60,660	441,159	0	11,325
Department of the Air Force	1,012,400	58,340	36,895	207,031	34,795	88,717	579,005	362	7,255
Defense agencies	1,592,731	61,564	29,296	119,311	52,558	433,213	777,558	290	118,941
Department of Education	142,587	14,473	4,927	0	0	2,687	5,375	115,125	0
Department of Energy	3,513,206	303,082	0	1,907,358	334,455	221,706	722,069	516	24,020
Dept of Health & Human Svcs, total	9,484,344	8,413,899	150,241	185,029	0	25,192	100,317	243,045	366,621
Administration on Aging 2/	2,474	0	0	0	0	0	0	2,474	0
Admin for Children & Families 2/ 3/	17,419	0	0	0	0	0	0	17,419	0
Agency for Health Care Policy & Research 4/	135,845	27,129	0	0	0	2,713	0	69,179	36,624
Centers for Disease Control	183,053	183,053	0	0	0	0	0	0	0
Food & Drug Administration	151,200	151,200	0	0	0	0	0	0	0
Health Care Financing Admin	68,600	0	0	0	0	0	0	68,600	0
Health Resources & Svcs Admin	10,892	10,892	0	0	0	0	0	0	0
National Institutes of Health 5/	8,866,093	8,035,625	150,241	185,029	0	22,479	100,317	42,405	329,997
Office of the Assistant Secretary for Health	6,000	6,000	0	0	0	0	0	0	0
Office of the Secretary	15,868	0	0	0	0	0	0	15,868	0
Social Security Administration	27,100	0	0	0	0	0	0	27,100	0

See explanatory information, if any, and SOURCE at end of table.

Table C-21. Estimated Federal obligations for research, by agency and field of science and engineering: fiscal year 1994

[Dollars in thousands]

Page 2 of 3

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Department of Housing & Urban Dvlpmt	12,776	0	0	0	85	125	84	12,077	405
Department of the Interior, total	544,973	93,936	0	33,511	306,984	14,858	91,249	4,435	0
Bureau of Land Management	6,463	5,186	0	0	1,242	0	0	35	0
Bureau of Mines	84,506	0	0	0	8,494	0	76,012	0	0
Bureau of Reclamation	6,600	2,000	0	1,500	0	0	3,100	0	0
Geological Survey	349,880	2,150	0	32,011	292,247	14,658	8,414	400	0
Minerals Management Service	5,024	0	0	0	1,301	0	3,723	0	0
National Park Service	7,700	0	0	0	3,500	200	0	4,000	0
Office of the Secretary	200	0	0	0	200	0	0	0	0
US Fish & Wildlife Service	84,600	84,600	0	0	0	0	0	0	0
Department of Justice, total	17,425	1,100	2,500	0	0	800	400	11,785	840
Bureau of Prisons 6/	2,500	0	500	0	0	0	0	2,000	0
Immigration & Naturalization Svc	400	0	0	0	0	0	400	0	0
Office of Justice Programs	14,525	1,100	2,000	0	0	800	0	9,785	840
Department of Labor, total	20,713	0	0	0	0	0	0	20,713	0
Bureau of Labor Statistics	7,000	0	0	0	0	0	0	7,000	0
Employment & Training Admin	3,349	0	0	0	0	0	0	3,349	0
Occupational Safety & Health Administration	3,765	0	0	0	0	0	0	3,765	0
Office of the Secretary	3,323	0	0	0	0	0	0	3,323	0
Pension Benefit Guaranty Corp	696	0	0	0	0	0	0	696	0
Pension & Welfare Benefit Admin	2,580	0	0	0	0	0	0	2,580	0
Department of State	5,383	0	0	0	0	0	0	5,383	0
Department of Transportation, total	281,237	16,662	13,740	3,496	16,535	30,175	180,983	17,863	1,783
Coast Guard	6,147	0	737	0	756	1,536	3,118	0	0
Federal Aviation Administration	75,146	11,818	10,131	1,645	1,300	8,817	39,652	0	1,783
Federal Highway Administration	149,704	1,607	2,872	482	14,329	14,286	104,452	11,676	0
Federal Railroad Administration	13,999	0	0	1,119	0	0	11,060	1,820	0
Federal Transit Administration 7/	6,000	0	0	0	0	0	6,000	0	0
Maritime Administration	1,741	0	0	0	50	0	1,691	0	0
National Highway Traffic Safety Administration	26,978	3,237	0	0	0	5,126	14,298	4,317	0
Office of the Secretary	772	0	0	250	0	0	472	50	0
Research & Special Programs Administration	750	0	0	0	100	410	240	0	0
Department of the Treasury, total	21,458	160	457	5,675	0	14,312	0	854	0
Bureau of Engraving & Printing	5,025	0	0	5,025	0	0	0	0	0
Internal Revenue Service 8/	14,312	0	0	0	0	14,312	0	0	0
Office of Thrift Supervision 9/	854	0	0	0	0	0	0	854	0
United States Customs Service	650	0	0	650	0	0	0	0	0
United States Secret Service 10/	617	160	457	0	0	0	0	0	0
Department of Veterans Affairs	173,700	155,430	13,578	0	0	0	4,692	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-21. Estimated Federal obligations for research, by agency and field of science and engineering: fiscal year 1994

[Dollars in thousands]

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Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Other agencies:									
Advisory Commission on Intergovernmental Relations	1,939	0	0	0	0	0	0	1,939	0
Agency for International Dvlpmt	282,863	206,349	0	0	0	3,500	954	26,080	45,980
Appalachian Regional Commission	900	0	0	0	0	0	0	900	0
Consumer Product Safety Commission	147	0	0	100	0	0	47	0	0
Environmental Protection Agency	576,900	216,100	3,100	110,300	107,000	13,300	121,500	1,600	4,000
Federal Communications Commission	1,745	0	0	0	0	123	1,037	585	0
Federal Trade Commission	876	0	0	0	0	0	0	876	0
Library of Congress	2,106	0	0	0	0	0	0	0	2,106
National Aeronautics & Space Admin	4,096,065	171,037	13,997	1,134,899	721,719	141,566	1,884,777	50	28,020
National Archives & Records Admin	280	0	0	280	0	0	0	0	0
National Science Foundation	2,216,967	339,817	14,874	553,672	481,190	273,289	307,382	68,288	178,455
Nuclear Regulatory Commission	122,094	0	0	0	0	0	122,094	0	0
Smithsonian Institution	100,900	35,244	0	28,163	7,084	0	0	30,409	0
Tennessee Valley Authority	27,351	4,755	0	7,132	1,250	0	3,084	630	10,500
US Arms Control & Disarmament Agency	1,000	0	0	0	0	0	0	1,000	0
United States Information Agency	656	0	0	0	0	0	656	0	0
US International Trade Commission	14,291	0	0	0	0	0	0	14,291	0

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

6/ Formerly listed as Federal Prison System

7/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

8/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

9/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

10/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-22. Federal obligations for research in psychology and life sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

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Agency and subdivision	Psychology				Life sciences					
	Total	Bio-logical aspects	Social aspects	Psycho-logical sciences, n.e.c.	Total	Bio-logical	Environ-mental biology	Agri-cultural	Medical	Life sciences, n.e.c.
Total, all agencies	298,129	34,723	101,018	162,388	9,910,481	4,380,252	510,987	742,347	3,909,934	366,961
Departments:										
Department of Agriculture, total	442	0	442	0	956,473	136,446	186,212	604,598	29,217	0
Agricultural Marketing Service 1/	0	0	0	0	4,144	0	0	4,144	0	0
Agricultural Research Service	0	0	0	0	515,713	27,673	51,658	423,362	13,020	0
Cooperative State Research Svc	0	0	0	0	313,194	82,346	59,962	161,091	9,795	0
Federal Grain Inspection Service	0	0	0	0	1,505	0	0	1,505	0	0
Forest Service	442	0	442	0	109,669	26,427	74,592	2,248	6,402	0
Human Nutrition Information Svc	0	0	0	0	10,703	0	0	10,703	0	0
Office of International Cooperation & Development	0	0	0	0	1,545	0	0	1,545	0	0
Department of Commerce, total	396	0	396	0	97,883	22,981	60,576	12,667	1,659	0
Bureau of the Census	391	0	391	0	0	0	0	0	0	0
National Oceanic & Atmospheric Administration	5	0	5	0	97,883	22,981	60,576	12,667	1,659	0
Department of Defense, total	112,434	12,302	77,658	22,474	342,024	71,948	49,003	0	220,908	165
Department of the Army	36,119	1,234	31,584	3,301	173,729	13,538	2,205	0	157,986	0
Department of the Navy	30,790	9,234	19,299	2,257	46,043	15,522	10,241	0	20,280	0
Department of the Air Force	26,880	728	25,423	729	46,219	20,144	15,265	0	10,810	0
Defense agencies	18,645	1,106	1,352	16,187	76,033	22,744	21,292	0	31,832	165
Department of Education	4,824	0	3,522	1,302	17,398	0	0	0	5,981	11,417
Department of Energy	0	0	0	0	305,861	162,982	460	674	124,092	17,653
Dept of Health & Human Svcs, total	125,469	108	151	125,210	7,024,312	3,510,057	136	54,800	3,201,482	257,837
Agency for Health Care Policy & Research 2/	79	0	79	0	19,916	0	0	0	19,916	0
Centers for Disease Control	0	0	0	0	146,900	0	0	0	146,900	0
Food & Drug Administration	0	0	0	0	135,700	69,900	0	54,800	0	11,000
Health Resources & Svcs Admin	0	0	0	0	10,125	0	0	0	10,125	0
National Institutes of Health 3/	125,390	108	72	125,210	6,705,700	3,440,157	136	0	3,018,570	246,837
Office of the Assistant Secretary for Health	0	0	0	0	5,971	0	0	0	5,971	0

See explanatory information, if any, and SOURCE at end of table.

Table C-22. Federal obligations for research in psychology and life sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

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Agency and subdivision	Psychology				Life sciences					
	Total	Biological aspects	Social aspects	Psychological sciences, n.e.c.	Total	Biological	Environmental biology	Agricultural	Medical	Life sciences, n.e.c.
Department of the Interior, total	0	0	0	0	105,340	48,798	52,588	3,854	0	100
Bureau of Land Management	0	0	0	0	4,556	728	264	3,564	0	0
Bureau of Reclamation	0	0	0	0	3,220	0	3,220	0	0	0
Geological Survey	0	0	0	0	2,246	778	1,178	290	0	0
National Park Service	0	0	0	0	24,000	2,500	21,400	0	0	100
Office of Surface Mining Reclamation & Enforcement	0	0	0	0	118	0	118	0	0	0
US Fish & Wildlife Service	0	0	0	0	71,200	44,792	26,408	0	0	0
Department of Justice, total	1,797	759	838	200	584	141	0	0	0	443
Bureau of Prisons 4/	500	0	300	200	0	0	0	0	0	0
Office of Justice Programs	1,297	759	538	0	584	141	0	0	0	443
Department of Transportation, total	9,988	0	4,129	5,859	5,092	1,452	547	0	3,093	0
Coast Guard	579	0	579	0	0	0	0	0	0	0
Federal Aviation Administration	3,896	0	3,550	346	2,774	363	0	0	2,411	0
Federal Highway Administration	5,513	0	0	5,513	547	0	547	0	0	0
National Highway Traffic Safety Administration	0	0	0	0	1,771	1,089	0	0	682	0
Department of the Treasury, total	389	0	0	389	140	0	0	0	140	0
United States Secret Service 5/	389	0	0	389	140	0	0	0	140	0
Department of Veterans Affairs	16,275	16,049	226	0	184,322	28,749	0	0	155,573	0
Other agencies:										
Agency for International Dvlpmt	0	0	0	0	225,314	2,161	11,425	57,261	91,184	63,283
Environmental Protection Agency	1,438	0	658	780	164,435	104,885	42,704	3,459	13,387	0
National Aeronautics & Space Admin	12,334	40	8,751	3,543	145,692	55,520	10,379	766	63,218	15,809
National Science Foundation	12,343	5,465	4,247	2,631	297,630	218,500	78,876	0	0	254
Smithsonian Institution	0	0	0	0	33,713	15,632	18,081	0	0	0
Tennessee Valley Authority	0	0	0	0	4,268	0	0	4,268	0	0

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

3/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

4/ Formerly listed as Federal Prison System

5/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-23. Estimated Federal obligations for research in psychology and life sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Psychology				Life sciences					
	Total	Bio-logical aspects	Social aspects	Psycho-logical sciences, n.e.c.	Total	Bio-logical	Environ-mental biology	Agri-cultural	Medical	Life sciences, n.e.c.
Total, all agencies	354,187	38,569	127,875	187,743	10,950,089	4,939,578	537,337	731,411	4,338,223	403,540
Departments:										
Department of Agriculture, total	455	0	455	0	955,697	136,561	190,756	599,463	28,917	0
Agricultural Marketing Service 1/	0	0	0	0	4,244	0	0	4,244	0	0
Agricultural Research Service	0	0	0	0	513,418	27,071	53,994	419,826	12,527	0
Cooperative State Research Svc	0	0	0	0	313,735	82,260	59,878	161,802	9,795	0
Federal Grain Inspection Service	0	0	0	0	1,191	0	0	1,191	0	0
Forest Service	455	0	455	0	113,026	27,230	76,884	2,317	6,595	0
Human Nutrition Information Svc	0	0	0	0	8,538	0	0	8,538	0	0
Office of International Cooperation & Development	0	0	0	0	1,545	0	0	1,545	0	0
Department of Commerce, total	302	0	302	0	94,995	16,482	61,446	13,722	3,345	0
Bureau of the Census	297	0	297	0	0	0	0	0	0	0
National Oceanic & Atmospheric Administration	5	0	5	0	94,995	16,482	61,446	13,722	3,345	0
Department of Defense, total	127,217	13,982	86,957	26,278	345,618	82,619	52,331	0	208,191	2,477
Department of the Army	29,217	1,220	25,507	2,490	153,912	14,736	1,113	0	138,063	0
Department of the Navy	35,024	9,808	23,002	2,214	52,031	18,404	10,659	0	22,968	0
Department of the Air Force	40,226	915	38,448	863	61,922	22,727	21,777	0	15,269	2,149
Defense agencies	22,750	2,039	0	20,711	77,753	26,752	18,782	0	31,891	328
Department of Education	4,808	0	3,366	1,442	14,180	0	0	0	4,616	9,564
Department of Energy	0	0	0	0	286,809	181,110	484	698	89,015	15,502
Dept of Health & Human Svcs, total	145,893	113	113	145,667	8,081,139	4,032,455	140	56,700	3,693,323	298,521
Agency for Health Care Policy & Research 2/	0	0	0	0	21,130	0	0	0	21,130	0
Centers for Disease Control	0	0	0	0	149,500	0	0	0	149,500	0
Food & Drug Administration	0	0	0	0	139,100	71,100	0	56,700	0	11,300
Health Resources & Svcs Admin	0	0	0	0	10,549	0	0	0	10,549	0
National Institutes of Health 3/	145,893	113	113	145,667	7,760,860	3,961,355	140	0	3,512,144	287,221

See explanatory information, if any, and SOURCE at end of table.

Table C-23. Estimated Federal obligations for research in psychology and life sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

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Agency and subdivision	Psychology				Life sciences					
	Total	Biological aspects	Social aspects	Psychological sciences, n.e.c.	Total	Biological	Environmental biology	Agricultural	Medical	Life sciences, n.e.c.
Department of the Interior, total	0	0	0	0	103,730	46,537	52,615	4,378	0	200
Bureau of Land Management	0	0	0	0	5,762	403	1,146	4,213	0	0
Bureau of Reclamation	0	0	0	0	3,092	0	3,092	0	0	0
Geological Survey	0	0	0	0	1,973	804	1,004	165	0	0
National Park Service	0	0	0	0	23,500	1,300	22,000	0	0	200
Office of Surface Mining Reclamation & Enforcement	0	0	0	0	203	0	203	0	0	0
US Fish & Wildlife Service	0	0	0	0	69,200	44,030	25,170	0	0	0
Department of Justice, total	2,150	350	1,400	400	950	500	450	0	0	0
Bureau of Prisons 4/	500	0	300	200	0	0	0	0	0	0
Office of Justice Programs	1,650	350	1,100	200	950	500	450	0	0	0
Department of Transportation, total	28,988	409	22,053	6,526	9,830	3,975	2,345	0	797	2,713
Coast Guard	1,063	0	1,063	0	0	0	0	0	0	0
Federal Aviation Administration	24,386	409	17,451	6,526	3,692	979	0	0	0	2,713
Federal Highway Administration	3,539	0	3,539	0	2,345	0	2,345	0	0	0
National Highway Traffic Safety Administration	0	0	0	0	3,793	2,996	0	0	797	0
Department of the Treasury, total	404	0	0	404	160	0	0	0	160	0
United States Secret Service 5/	404	0	0	404	160	0	0	0	160	0
Department of Veterans Affairs	17,356	17,096	260	0	181,235	27,691	0	0	153,544	0
Other agencies:										
Agency for International Dvlpmt	0	0	0	0	203,402	1,028	7,631	46,613	91,901	56,229
Environmental Protection Agency	1,800	700	1,100	0	181,800	111,900	53,900	4,600	11,400	0
National Aeronautics & Space Admin	11,648	50	7,211	4,387	132,528	49,557	10,931	949	53,014	18,077
National Science Foundation	13,166	5,869	4,658	2,639	318,799	232,733	85,809	0	0	257
Smithsonian Institution	0	0	0	0	34,929	16,430	18,499	0	0	0
Tennessee Valley Authority	0	0	0	0	4,288	0	0	4,288	0	0

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

3/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

4/ Formerly listed as Federal Prison System

5/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-24. Estimated Federal obligations for research in psychology and life sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Psychology				Life sciences					
	Total	Biological aspects	Social aspects	Psychological sciences, n.e.c.	Total	Biological	Environmental biology	Agricultural	Medical	Life sciences, n.e.c.
Total, all agencies	346,401	35,266	115,312	195,823	11,372,809	5,148,882	526,482	766,363	4,478,773	452,309
Departments:										
Department of Agriculture, total	525	0	525	0	999,533	150,472	205,399	619,789	23,873	0
Agricultural Marketing Service 1/	0	0	0	0	4,272	0	0	4,272	0	0
Agricultural Research Service	0	0	0	0	525,384	27,770	55,128	429,654	12,832	0
Cooperative State Research Svc	0	0	0	0	323,917	91,325	61,676	167,474	3,442	0
Federal Grain Inspection Service	0	0	0	0	1,000	0	0	1,000	0	0
Forest Service	525	0	525	0	130,240	31,377	88,595	2,669	7,599	0
Human Nutrition Information Svc	0	0	0	0	13,142	0	0	13,142	0	0
Office of International Cooperation & Development	0	0	0	0	1,578	0	0	1,578	0	0
Department of Commerce, total	309	0	309	0	95,309	16,907	61,336	13,828	3,238	0
Bureau of the Census	304	0	304	0	0	0	0	0	0	0
National Oceanic & Atmospheric Administration	5	0	5	0	95,309	16,907	61,336	13,828	3,238	0
Department of Defense, total	128,153	13,551	81,849	32,753	305,923	65,473	42,737	0	195,734	1,979
Department of the Army	28,494	1,071	25,262	2,161	134,339	9,034	1,344	0	123,961	0
Department of the Navy	33,468	9,912	21,187	2,369	51,680	18,366	10,862	0	22,452	0
Department of the Air Force	36,895	780	35,400	715	58,340	23,816	18,992	0	13,842	1,690
Defense agencies	29,296	1,788	0	27,508	61,564	14,257	11,539	0	35,479	289
Department of Education	4,927	0	3,449	1,478	14,473	0	0	0	4,730	9,743
Department of Energy	0	0	0	0	303,082	193,413	611	867	92,840	15,351
Dept of Health & Human Svcs, total	150,241	116	117	150,008	8,413,899	4,161,294	145	59,000	3,844,184	349,276
Agency for Health Care Policy & Research 2/	0	0	0	0	27,129	0	0	0	27,129	0
Centers for Disease Control	0	0	0	0	183,053	0	0	0	183,053	0
Food & Drug Administration	0	0	0	0	151,200	81,200	0	59,000	0	11,000
Health Resources & Svcs Admin	0	0	0	0	10,892	0	0	0	10,892	0
National Institutes of Health 3/	150,241	116	117	150,008	8,035,625	4,080,094	145	0	3,617,110	338,276
Office of the Assistant Secretary for Health	0	0	0	0	6,000	0	0	0	6,000	0

See explanatory information, if any, and SOURCE at end of table.

Table C-24. Estimated Federal obligations for research in psychology and life sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

Page 2 of 2

Agency and subdivision	Psychology				Life sciences					
	Total	Biological aspects	Social aspects	Psychological sciences, n.e.c.	Total	Biological	Environmental biology	Agricultural	Medical	Life sciences, n.e.c.
Department of the Interior, total	0	0	0	0	93,936	71,883	18,275	3,778	0	0
Bureau of Land Management	0	0	0	0	5,186	218	1,350	3,618	0	0
Bureau of Reclamation	0	0	0	0	2,000	0	2,000	0	0	0
Geological Survey	0	0	0	0	2,150	895	1,095	160	0	0
US Fish & Wildlife Service	0	0	0	0	84,600	70,770	13,830	0	0	0
Department of Justice, total	2,500	700	1,200	600	1,100	400	300	0	0	400
Bureau of Prisons 4/	500	0	300	200	0	0	0	0	0	0
Office of Justice Programs	2,000	700	900	400	1,100	400	300	0	0	400
Department of Transportation, total	13,740	0	10,868	2,872	16,662	2,963	1,607	0	12,092	0
Coast Guard	737	0	737	0	0	0	0	0	0	0
Federal Aviation Administration	10,131	0	10,131	0	11,818	406	0	0	11,412	0
Federal Highway Administration	2,872	0	0	2,872	1,607	0	1,607	0	0	0
National Highway Traffic Safety Administration	0	0	0	0	3,237	2,557	0	0	680	0
Department of the Treasury, total	457	0	0	457	160	0	0	0	160	0
United States Secret Service 5/	457	0	0	457	160	0	0	0	160	0
Department of Veterans Affairs	13,578	13,352	226	0	155,430	18,683	0	0	136,747	0
Other agencies:										
Agency for International Dvlpmt	0	0	0	0	206,349	1,549	8,390	52,166	90,416	53,828
Environmental Protection Agency	3,100	900	2,200	0	216,100	131,200	65,500	11,200	7,000	1,200
National Aeronautics & Space Admin	13,997	51	9,414	4,532	171,037	70,012	12,017	980	67,759	20,269
National Science Foundation	14,874	6,596	5,155	3,123	339,817	248,055	91,499	0	0	263
Smithsonian Institution	0	0	0	0	35,244	16,578	18,666	0	0	0
Tennessee Valley Authority	0	0	0	0	4,755	0	0	4,755	0	0

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

3/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

4/ Formerly listed as Federal Prison System

5/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-25. Federal obligations for research in physical and environmental sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Total, all agencies	4,439,162	739,057	896,179	2,578,194	225,732	2,207,616	767,276	735,671	458,908	245,761
Departments:										
Department of Agriculture, total	86,763	0	82,825	3,938	0	12,154	10,770	1,384	0	0
Agricultural Research Service	53,699	0	51,308	2,391	0	3,533	3,211	322	0	0
Cooperative State Research Svc	24,652	0	24,652	0	0	3,502	3,502	0	0	0
Forest Service	8,412	0	6,865	1,547	0	5,119	4,057	1,062	0	0
Department of Commerce, total	75,101	367	29,632	44,305	797	252,651	105,426	4,275	139,714	3,236
National Institute of Standards & Technology	58,026	367	20,823	36,761	75	364	0	364	0	0
National Oceanic & Atmospheric Administration	17,075	0	8,809	7,544	722	252,287	105,426	3,911	139,714	3,236
Department of Defense, total	626,142	9,516	136,608	407,897	72,121	259,684	53,486	74,880	84,721	46,597
Department of the Army	118,233	0	46,704	31,966	39,563	45,607	15,882	3,313	1,274	25,138
Department of the Navy	210,889	5,394	37,370	162,716	5,409	127,830	16,473	32,970	78,387	0
Department of the Air Force	174,363	3,657	39,128	131,578	0	20,715	14,248	6,467	0	0
Defense agencies	122,657	465	13,406	81,637	27,149	65,532	6,883	32,130	5,060	21,459
Department of Energy	1,923,033	0	219,290	1,618,395	85,348	244,054	83,610	75,269	6,217	78,958
Dept of Health & Human Svcs, total	154,370	0	136,682	17,679	9	0	0	0	0	0
Agency for Health Care Policy & Research 1/	9	0	0	0	9	0	0	0	0	0
National Institutes of Health 2/	154,361	0	136,682	17,679	0	0	0	0	0	0
Department of Housing & Urban Dvlpmt	0	0	0	0	0	288	0	0	0	288
Department of the Interior, total	30,786	0	24,897	3,889	2,000	304,072	1,150	263,092	35,981	3,849
Bureau of Land Management	0	0	0	0	0	1,349	50	57	0	1,242
Bureau of Mines	0	0	0	0	0	8,168	0	6,861	0	1,307
Bureau of Reclamation	2,000	0	0	0	2,000	0	0	0	0	0
Geological Survey	28,786	0	24,897	3,889	0	291,094	1,100	254,013	35,981	0
National Park Service	0	0	0	0	0	3,125	0	2,025	0	1,100
Office of the Secretary	0	0	0	0	0	200	0	0	0	200
Office of Surface Mining Reclamation & Enforcement	0	0	0	0	0	136	0	136	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-25. Federal obligations for research in physical and environmental sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

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Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Department of Transportation, total	3,526	1,009	900	1,367	250	6,987	3,954	1,579	647	807
Coast Guard	0	0	0	0	0	582	0	0	582	0
Federal Aviation Administration	1,909	1,009	900	0	0	205	205	0	0	0
Federal Highway Administration	235	0	0	235	0	5,985	3,749	1,579	0	657
Federal Railroad Administration	1,132	0	0	1,132	0	0	0	0	0	0
Maritime Administration	0	0	0	0	0	50	0	0	0	50
Office of the Secretary	250	0	0	0	250	0	0	0	0	0
Research & Special Programs Administration	0	0	0	0	0	165	0	0	65	100
Department of the Treasury, total	1,956	0	772	196	988	0	0	0	0	0
Bureau of Engraving & Printing	1,766	0	772	6	988	0	0	0	0	0
United States Customs Service	190	0	0	190	0	0	0	0	0	0
Other agencies:										
Consumer Product Safety Commission	112	0	112	0	0	0	0	0	0	0
Environmental Protection Agency	79,903	0	74,740	5,163	0	73,662	66,699	5,081	1,882	0
National Aeronautics & Space Admin	978,154	584,504	47,457	287,984	58,209	631,709	313,763	164,959	108,157	44,830
National Archives & Records Admin	595	0	350	245	0	0	0	0	0	0
National Science Foundation	444,682	116,126	135,410	187,136	6,010	414,835	127,604	140,324	79,711	67,196
Smithsonian Institution	27,535	27,535	0	0	0	6,770	64	4,828	1,878	0
Tennessee Valley Authority	6,404	0	6,404	0	0	750	750	0	0	0
US Arms Control & Disarmament Agency	100	0	100	0	0	0	0	0	0	0

1/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

2/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-26. Estimated Federal obligations for research in physical and environmental sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Total, all agencies	4,915,464	816,605	1,022,904	2,805,136	270,819	2,411,918	846,774	774,638	503,722	286,784
Departments:										
Department of Agriculture, total	88,053	0	84,016	4,037	0	12,368	10,942	1,426	0	0
Agricultural Research Service	54,750	0	52,308	2,442	0	3,588	3,257	331	0	0
Cooperative State Research Svc	24,636	0	24,636	0	0	3,502	3,502	0	0	0
Forest Service	8,667	0	7,072	1,595	0	5,278	4,183	1,095	0	0
Department of Commerce, total	91,837	341	33,431	57,402	663	245,696	102,454	4,372	135,688	3,182
National Institute of Standards & Technology	75,256	341	24,863	49,943	109	522	0	522	0	0
National Oceanic & Atmospheric Administration	16,581	0	8,568	7,459	554	245,174	102,454	3,850	135,688	3,182
Department of Defense, total	757,347	9,519	158,341	508,272	81,215	296,638	74,060	96,990	97,091	28,497
Department of the Army	128,644	0	57,901	37,559	33,184	54,589	22,850	3,274	616	27,849
Department of the Navy	246,573	5,351	41,227	194,278	5,717	139,006	18,258	34,474	86,274	0
Department of the Air Force	208,560	3,509	44,107	160,944	0	33,238	16,696	16,542	0	0
Defense agencies	173,570	659	15,106	115,491	42,314	69,805	16,256	42,700	10,201	648
Department of Energy	2,005,850	0	233,150	1,667,396	105,304	304,263	93,857	79,936	8,298	122,172
Dept of Health & Human Svcs, total	179,586	0	160,076	19,510	0	0	0	0	0	0
National Institutes of Health 1/	179,586	0	160,076	19,510	0	0	0	0	0	0
Department of Housing & Urban Dvlpmt	0	0	0	0	0	64	0	0	0	64
Department of the Interior, total	30,256	0	26,235	4,021	0	304,159	1,075	241,918	57,430	3,736
Bureau of Land Management	0	0	0	0	0	2,205	150	813	0	1,242
Bureau of Mines	0	0	0	0	0	8,104	0	6,810	0	1,294
Bureau of Reclamation	1,000	0	1,000	0	0	0	0	0	0	0
Geological Survey	29,256	0	25,235	4,021	0	288,953	925	231,898	56,130	0
Minerals Management Service	0	0	0	0	0	1,300	0	0	1,300	0
National Park Service	0	0	0	0	0	3,200	0	2,200	0	1,000
Office of the Secretary	0	0	0	0	0	200	0	0	0	200
Office of Surface Mining Reclamation & Enforcement	0	0	0	0	0	197	0	197	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-26. Estimated Federal obligations for research in physical and environmental sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

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Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Department of Transportation, total	6,620	0	416	6,004	200	21,436	6,481	11,718	1,107	2,130
Coast Guard	0	0	0	0	0	1,107	0	0	1,107	0
Federal Aviation Administration	4,272	0	416	3,856	0	1,055	1,055	0	0	0
Federal Highway Administration	595	0	0	595	0	19,124	5,426	11,718	0	1,980
Federal Railroad Administration	1,553	0	0	1,553	0	0	0	0	0	0
Maritime Administration	0	0	0	0	0	50	0	0	0	50
Office of the Secretary	200	0	0	0	200	0	0	0	0	0
Research & Special Programs Administration	0	0	0	0	0	100	0	0	0	100
Department of the Treasury, total	3,752	0	450	486	2,816	0	0	0	0	0
Bureau of Engraving & Printing	3,652	0	450	386	2,816	0	0	0	0	0
United States Customs Service	100	0	0	100	0	0	0	0	0	0
Other agencies:										
Consumer Product Safety Commission	430	0	430	0	0	0	0	0	0	0
Environmental Protection Agency	88,400	0	82,300	6,100	0	80,000	69,000	6,500	4,500	0
National Aeronautics & Space Admin	1,098,580	661,681	57,078	310,365	69,456	680,109	346,548	172,319	110,045	51,197
National Archives & Records Admin	290	0	80	210	0	0	0	0	0	0
National Science Foundation	530,119	117,152	180,469	221,333	11,165	458,954	141,085	154,449	87,614	75,806
Smithsonian Institution	27,912	27,912	0	0	0	7,021	62	5,010	1,949	0
Tennessee Valley Authority	6,432	0	6,432	0	0	1,210	1,210	0	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-27. Estimated Federal obligations for research in physical and environmental sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Total, all agencies	4,832,467	835,061	1,052,039	2,703,205	242,162	2,542,055	907,579	822,208	521,424	290,844
Departments:										
Department of Agriculture, total	88,186	0	83,853	4,333	0	12,296	10,696	1,600	0	0
Agricultural Research Service	55,970	0	53,475	2,495	0	3,667	3,329	338	0	0
Cooperative State Research Svc	22,229	0	22,229	0	0	2,546	2,546	0	0	0
Forest Service	9,987	0	8,149	1,838	0	6,083	4,821	1,262	0	0
Department of Commerce, total	114,134	350	40,067	72,533	1,184	285,632	122,657	3,090	157,002	2,883
National Institute of Standards & Technology	96,090	350	30,954	64,671	115	623	0	623	0	0
National Oceanic & Atmospheric Administration	18,044	0	9,113	7,862	1,069	285,009	122,657	2,467	157,002	2,883
Department of Defense, total	660,532	10,224	151,787	447,051	51,470	267,825	62,865	93,671	97,156	14,133
Department of the Army	108,507	0	45,965	44,748	17,794	35,447	18,357	3,199	0	13,891
Department of the Navy	225,683	5,231	40,474	174,262	5,716	145,025	18,869	37,224	88,932	0
Department of the Air Force	207,031	3,554	45,611	157,866	0	34,795	17,345	17,450	0	0
Defense agencies	119,311	1,439	19,737	70,175	27,960	52,558	8,294	35,798	8,224	242
Department of Energy	1,907,358	0	220,979	1,600,056	86,323	334,455	109,137	82,379	8,308	134,631
Dept of Health & Human Svcs, total	185,029	0	164,932	20,097	0	0	0	0	0	0
National Institutes of Health 1/	185,029	0	164,932	20,097	0	0	0	0	0	0
Department of Housing & Urban Dvlpmt	0	0	0	0	0	85	0	0	0	85
Department of the Interior, total	33,511	0	29,034	4,477	0	306,984	915	273,463	28,655	3,951
Bureau of Land Management	0	0	0	0	0	1,242	0	0	0	1,242
Bureau of Mines	0	0	0	0	0	8,494	0	6,985	0	1,509
Bureau of Reclamation	1,500	0	1,500	0	0	0	0	0	0	0
Geological Survey	32,011	0	27,534	4,477	0	292,247	915	263,978	27,354	0
Minerals Management Service	0	0	0	0	0	1,301	0	0	1,301	0
National Park Service	0	0	0	0	0	3,500	0	2,500	0	1,000
Office of the Secretary	0	0	0	0	0	200	0	0	0	200

See explanatory information, if any, and SOURCE at end of table.

Table C-27. Estimated Federal obligations for research in physical and environmental sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

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Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Department of Transportation, total	3,496	0	833	2,413	250	16,535	4,514	9,508	756	1,757
Coast Guard	0	0	0	0	0	756	0	0	756	0
Federal Aviation Administration	1,645	0	833	812	0	1,300	1,300	0	0	0
Federal Highway Administration	482	0	0	482	0	14,329	3,214	9,508	0	1,607
Federal Railroad Administration	1,119	0	0	1,119	0	0	0	0	0	0
Maritime Administration	0	0	0	0	0	50	0	0	0	50
Office of the Secretary	250	0	0	0	250	0	0	0	0	0
Research & Special Programs Administration	0	0	0	0	0	100	0	0	0	100
Department of the Treasury, total	5,675	0	219	1,079	4,377	0	0	0	0	0
Bureau of Engraving & Printing	5,025	0	219	429	4,377	0	0	0	0	0
United States Customs Service	650	0	0	650	0	0	0	0	0	0
Other agencies:										
Consumer Product Safety Commission	100	0	100	0	0	0	0	0	0	0
Environmental Protection Agency	110,300	0	102,100	8,200	0	107,000	77,400	15,400	14,200	0
National Aeronautics & Space Admin	1,134,899	672,822	60,613	314,458	87,006	721,719	370,228	177,160	121,737	52,594
National Archives & Records Admin	280	0	80	200	0	0	0	0	0	0
National Science Foundation	553,672	123,502	190,310	228,308	11,552	481,190	147,854	160,882	91,644	80,810
Smithsonian Institution	28,163	28,163	0	0	0	7,084	63	5,055	1,966	0
Tennessee Valley Authority	7,132	0	7,132	0	0	1,250	1,250	0	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-28. Federal obligations for research in engineering, by agency and detailed field of engineering: fiscal year 1992

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Total	Aero-nautical	Astro-nautical	Chemical	Civil	Elec-trical	Mechan-ical	Metal-lurgy and materials	Engi-neering, n.e.c.
Total, all agencies	4,976,967	874,592	630,408	297,478	330,240	759,007	337,246	727,206	1,020,790
Departments:									
Department of Agriculture, total	65,274	0	0	7,121	5,095	689	3,611	0	48,758
Agricultural Research Service	7,539	0	0	4,472	1,865	636	503	0	63
Cooperative State Research Svc	27,653	0	0	0	0	0	0	0	27,653
Forest Service	30,082	0	0	2,649	3,230	53	3,108	0	21,042
Department of Commerce, total	84,445	0	124	4,769	4,522	20,812	2,951	20,068	31,199
National Institute of Standards & Technology	73,215	0	124	4,769	4,488	15,337	2,951	20,068	25,478
National Oceanic & Atmospheric Administration	7,269	0	0	0	34	1,514	0	0	5,721
National Telecommunications & Information Administration	3,961	0	0	0	0	3,961	0	0	0
Department of Defense, total	2,032,672	161,992	107,927	34,672	183,970	614,971	214,572	521,562	193,006
Department of the Army	432,317	59,634	2,099	18,330	45,653	164,431	82,756	33,810	25,604
Department of the Navy	409,133	7,460	46,784	7,881	14,425	147,091	98,406	84,851	2,235
Department of the Air Force	440,181	89,402	53,091	3,113	4,088	124,008	16,820	91,266	58,393
Defense agencies	751,041	5,496	5,953	5,348	119,804	179,441	16,590	311,635	106,774
Department of Education	5,263	0	0	0	0	0	0	0	5,263
Department of Energy	711,344	0	0	135,139	25,477	38,744	43,405	67,117	401,462
Dept of Health & Human Svcs, total	83,683	0	0	0	0	0	0	0	83,683
National Institutes of Health 1/	83,683	0	0	0	0	0	0	0	83,683
Department of Housing & Urban Dvlpmt	540	0	0	0	0	0	0	0	540
Department of the Interior, total	112,459	0	0	8,963	4,937	770	771	27,826	69,192
Bureau of Mines	94,742	0	0	0	0	0	0	27,606	67,136
Bureau of Reclamation	5,480	0	0	0	2,681	570	313	50	1,866
Geological Survey	8,422	0	0	6,222	1,700	200	300	0	0
Minerals Management Service	3,815	0	0	2,741	556	0	158	170	190

See explanatory information, if any, and SOURCE at end of table.

Table C-28. Federal obligations for research in engineering, by agency and detailed field of engineering: fiscal year 1992

[Dollars in thousands]

Page 2 of 2

Agency and subdivision	Total	Aeronautical	Astronautical	Chemical	Civil	Electrical	Mechanical	Metallurgy and materials	Engineering, n.e.c.
Department of Justice, total	500	0	0	0	0	200	200	0	100
Drug Enforcement Administration	100	0	0	0	0	0	0	0	100
Immigration & Naturalization Svc	400	0	0	0	0	200	200	0	0
Department of Transportation, total	92,643	751	300	410	48,433	12,679	20,409	906	8,755
Coast Guard	2,589	0	0	0	407	1,109	553	520	0
Federal Aviation Administration	12,137	701	0	0	827	9,081	168	0	1,360
Federal Highway Administration	46,513	0	0	33	39,985	583	560	0	5,352
Federal Railroad Administration	13,955	0	0	377	5,469	1,886	5,280	377	566
Maritime Administration	1,701	0	0	0	1,701	0	0	0	0
National Highway Traffic Safety Administration	15,210	0	0	0	0	0	13,833	0	1,377
Office of the Secretary	450	50	300	0	0	0	0	0	100
Research & Special Programs Administration	88	0	0	0	44	20	15	9	0
Department of Veterans Affairs	303	0	0	0	0	0	0	0	303
Other agencies:									
Agency for International Dvlpmt	219	0	0	0	89	0	0	0	130
Consumer Product Safety Commission	676	0	0	0	0	0	0	0	676
Environmental Protection Agency	79,080	0	0	44,783	26,870	845	3,765	376	2,441
Federal Communications Commission	1,199	0	0	0	0	1,199	0	0	0
National Aeronautics & Space Admin	1,367,787	706,858	522,057	13,312	162	14,807	13,680	67,409	27,502
National Science Foundation	217,062	2,991	0	45,540	30,685	53,291	33,882	21,942	28,731
Nuclear Regulatory Commission	119,049	0	0	0	0	0	0	0	119,049
Tennessee Valley Authority	2,769	0	0	2,769	0	0	0	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-29. Estimated Federal obligations for research in engineering, by agency and detailed field of engineering: fiscal year 1993

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Total	Aero-nautical	Astro-nautical	Chemical	Civil	Elec-trical	Mechan-ical	Metal-lurgy and materials	Engi-neering, n.e.c.
Total, all agencies	5,839,936	1,102,207	596,078	354,300	441,184	940,743	530,297	713,813	1,161,314
Departments:									
Department of Agriculture, total	66,492	0	0	7,356	5,321	713	3,727	0	49,375
Agricultural Research Service	7,861	0	0	4,627	1,990	658	522	0	64
Cooperative State Research Svc	27,622	0	0	0	0	0	0	0	27,622
Forest Service	31,009	0	0	2,729	3,331	55	3,205	0	21,689
Department of Commerce, total	108,656	0	0	6,377	9,207	27,454	4,739	26,733	34,146
National Institute of Standards & Technology	97,609	0	0	6,377	9,171	21,916	4,739	26,733	28,673
National Oceanic & Atmospheric Administration	6,943	0	0	0	36	1,434	0	0	5,473
National Telecommunications & Information Administration	4,104	0	0	0	0	4,104	0	0	0
Department of Defense, total	2,459,722	211,295	132,612	43,203	197,607	754,195	370,185	464,942	285,683
Department of the Army	559,812	69,644	2,785	23,461	52,605	199,351	147,505	39,661	24,800
Department of the Navy	491,214	9,447	59,251	10,051	18,039	176,248	115,715	99,658	2,805
Department of the Air Force	537,128	110,551	68,152	4,083	3,851	164,328	85,557	37,308	63,296
Defense agencies	871,568	21,653	2,424	5,608	123,112	214,268	21,408	288,315	194,780
Department of Education	5,246	0	0	0	0	0	0	0	5,246
Department of Energy	764,598	0	0	152,901	30,490	42,839	44,890	74,594	418,884
Dept of Health & Human Svcs, total	97,398	0	0	0	0	0	0	0	97,398
National Institutes of Health 1/	97,398	0	0	0	0	0	0	0	97,398
Department of Housing & Urban Dvlpmt	317	0	0	0	0	0	0	0	317
Department of the Interior, total	115,405	0	0	9,571	2,997	580	1,300	27,024	73,933
Bureau of Mines	100,729	0	0	0	0	0	0	26,872	73,857
Bureau of Reclamation	3,208	0	0	700	1,648	460	300	100	0
Geological Survey	7,753	0	0	6,433	1,000	120	200	0	0
Minerals Management Service	3,715	0	0	2,438	349	0	800	52	76

See explanatory information, if any, and SOURCE at end of table.

Table C-29. Estimated Federal obligations for research in engineering, by agency and detailed field of engineering: fiscal year,1993

[Dollars in thousands]

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Agency and subdivision	Total	Aero-nautical	Astro-nautical	Chemical	Civil	Elec-trical	Mechan-ical	Metal-lurgy and materials	Engi-neering, n.e.c.
Department of Justice, total	400	0	0	0	0	200	200	0	0
Immigration & Naturalization Svc	400	0	0	0	0	200	200	0	0
Department of Transportation, total	207,876	15,293	290	10,450	133,774	7,583	27,456	10,364	2,666
Coast Guard	4,515	0	0	0	723	1,987	994	811	0
Federal Aviation Administration	27,854	15,243	0	987	0	2,503	2,029	7,092	0
Federal Highway Administration	131,262	0	0	8,945	117,762	505	2,107	1,943	0
Federal Railroad Administration	19,152	0	0	518	7,505	2,588	7,247	518	776
Federal Transit Administration 2/	6,000	0	0	0	6,000	0	0	0	0
Maritime Administration	1,684	0	0	0	1,684	0	0	0	0
National Highway Traffic Safety Administration	16,754	0	0	0	0	0	15,079	0	1,675
Office of the Secretary	415	50	290	0	0	0	0	0	75
Research & Special Programs Administration	240	0	0	0	100	0	0	0	140
Department of Veterans Affairs	5,809	0	0	0	0	0	0	0	5,809
Other agencies:									
Agency for International Dvlpmt	926	0	0	0	800	0	0	0	126
Consumer Product Safety Commission	420	0	0	0	0	0	0	0	420
Environmental Protection Agency	80,800	0	0	47,600	24,800	1,000	4,300	300	2,800
Federal Communications Commission	1,208	0	0	0	0	1,208	0	0	0
National Aeronautics & Space Admin	1,517,679	872,623	463,176	18,138	201	29,518	20,528	79,440	34,055
National Science Foundation	283,325	2,996	0	55,953	35,957	74,253	52,972	30,416	30,77[illegible]
Nuclear Regulatory Commission	119,678	0	0	0	0	0	0	0	119,678
Tennessee Valley Authority	2,781	0	0	2,781	0	0	0	0	0
United States Information Agency	1,200	0	0	0	0	1,200	0	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

2/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-30. Estimated Federal obligations for research in engineering, by agency and detailed field of engineering: fiscal year 1994

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Total	Aero-nautical	Astro-nautical	Chemical	Civil	Elec-trical	Mechan-ical	Metal-lurgy and materials	Engi-neering, n.e.c.
Total, all agencies	6,005,491	1,295,902	674,122	363,613	444,999	864,902	416,085	842,192	1,103,676
Departments:									
Department of Agriculture, total	66,325	0	0	7,864	5,868	736	4,225	0	47,632
Agricultural Research Service	8,019	0	0	4,719	2,030	672	533	0	65
Cooperative State Research Svc	22,574	0	0	0	0	0	0	0	22,574
Forest Service	35,732	0	0	3,145	3,838	64	3,692	0	24,993
Department of Commerce, total	141,526	0	0	8,239	12,758	35,653	8,749	36,250	39,877
National Institute of Standards & Technology	129,486	0	0	8,239	12,722	28,877	8,749	36,250	34,649
National Oceanic & Atmospheric Administration	6,815	0	0	0	36	1,551	0	0	5,228
National Telecommunications & Information Administration	5,225	0	0	0	0	5,225	0	0	0
Department of Defense, total	2,250,940	233,847	132,441	35,153	199,627	647,345	243,661	521,963	236,903
Department of the Army	453,218	48,430	2,031	14,159	67,161	179,765	89,413	30,889	21,370
Department of the Navy	441,159	8,012	50,250	8,768	15,570	158,351	105,391	92,429	2,388
Department of the Air Force	579,005	156,548	78,822	4,415	4,194	158,341	19,931	114,050	42,704
Defense agencies	777,558	20,857	1,338	7,811	112,702	150,888	28,926	284,595	170,441
Department of Education	5,375	0	0	0	0	0	0	0	5,375
Department of Energy	722,069	0	0	143,530	37,259	43,367	39,163	70,508	388,242
Dept of Health & Human Svcs, total	100,317	0	0	0	0	0	0	0	100,317
National Institutes of Health 1/	100,317	0	0	0	0	0	0	0	100,317
Department of Housing & Urban Dvlpmt	84	0	0	0	0	0	0	0	84
Department of the Interior, total	91,249	0	0	10,375	3,024	683	808	25,773	50,586
Bureau of Mines	76,012	0	0	0	0	0	0	25,488	50,524
Bureau of Reclamation	3,100	0	0	600	1,580	570	250	100	0
Geological Survey	8,414	0	0	7,163	950	113	188	0	0
Minerals Management Service	3,723	0	0	2,612	494	0	370	185	62

See explanatory information, if any, and SOURCE at end of table.

Table C-30. Estimated Federal obligations for research in engineering, by agency and detailed field of engineering: fiscal year 1994

[Dollars in thousands]

Page 2 of 2

Agency and subdivision	Total	Aeronautical	Astronautical	Chemical	Civil	Electrical	Mechanical	Metallurgy and materials	Engineering, n.e.c.
Department of Justice, total	400	0	0	0	0	200	200	0	0
Immigration & Naturalization Svc	400	0	0	0	0	200	200	0	0
Department of Transportation, total	180,983	8,547	347	10,384	105,356	5,734	35,239	11,787	3,589
Coast Guard	3,118	0	0	0	512	1,352	686	568	0
Federal Aviation Administration	39,652	8,497	0	2,845	56	2,012	15,495	9,223	1,524
Federal Highway Administration	104,452	0	0	7,259	93,497	410	1,710	1,576	0
Federal Railroad Administration	11,060	0	0	280	3,500	1,960	4,480	420	420
Federal Transit Administration 2/	6,000	0	0	0	6,000	0	0	0	0
Maritime Administration	1,691	0	0	0	1,691	0	0	0	0
National Highway Traffic Safety Administration	14,298	0	0	0	0	0	12,868	0	1,430
Office of the Secretary	472	50	347	0	0	0	0	0	75
Research & Special Programs Administration	240	0	0	0	100	0	0	0	140
Department of Veterans Affairs	4,692	0	0	0	0	0	0	0	4,692
Other agencies:									
Agency for International Dvlpmt	954	0	0	0	800	0	0	0	154
Consumer Product Safety Commission	47	0	0	0	0	0	0	0	47
Environmental Protection Agency	121,500	0	0	69,400	40,500	1,000	3,800	300	6,500
Federal Communications Commission	1,037	0	0	0	0	1,037	0	0	0
National Aeronautics & Space Admin	1,864,777	1,050,488	541,334	14,571	207	47,513	21,896	143,587	65,181
National Science Foundation	307,382	3,020	0	61,013	39,600	80,978	58,344	32,024	32,403
Nuclear Regulatory Commission	122,094	0	0	0	0	0	0	0	122,094
Tennessee Valley Authority	3,084	0	0	3,084	0	0	0	0	0
United States Information Agency	656	0	0	0	0	656	0	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

2/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-31. Federal obligations for research in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

Page 1 of 3

Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Total, all agencies	1,160,294	318,666	771,777	69,851	689,699	14,097	211,560	22,556	80,688	360,798
Departments:										
Department of Agriculture, total	15,793	13,268	2,525	0	121,599	27	110,217	0	11,355	0
Agricultural Cooperative Service	0	0	0	0	3,444	0	3,444	0	0	0
Agricultural Research Service	2,696	171	2,525	0	20	0	20	0	0	0
Cooperative State Research Svc	0	0	0	0	49,192	0	40,108	0	9,084	0
Economic Research Service	0	0	0	0	58,873	0	57,298	0	1,575	0
Forest Service	9,508	9,508	0	0	10,070	27	9,347	0	696	0
Nat'l Agricultural Statistics Svc	3,589	3,589	0	0	0	0	0	0	0	0
Department of Commerce, total	35,390	12,482	19,516	3,392	16,165	0	4,812	6,389	4,737	227
Bureau of the Census	2,301	2,098	203	0	628	0	343	285	0	0
Economic Development Admin	0	0	0	0	500	0	500	0	0	0
National Institute of Standards & Technology	17,563	3,232	10,939	3,392	225	0	225	0	0	0
National Oceanic & Atmospheric Administration	15,526	7,152	8,374	0	14,812	0	3,744	6,104	4,737	227
Department of Defense, total	536,983	86,691	427,659	22,633	5,337	652	888	0	592	3,205
Department of the Army	106,094	13,320	82,246	10,528	1,921	441	888	0	592	0
Department of the Navy	55,638	18,200	34,022	3,416	0	0	0	0	0	0
Department of the Air Force	74,423	44,879	29,544	0	211	211	0	0	0	0
Defense agencies	300,828	10,292	281,847	8,689	3,205	0	0	0	0	3,205
Department of Education	1,316	0	0	1,316	98,171	0	0	0	1,842	96,329
Department of Energy	209,073	63,547	116,315	29,211	135	0	135	0	0	0
Dept of Health & Human Svcs, total	20,254	18,123	1,616	515	235,945	0	8,785	249	43,850	183,061
Administration on Aging 1/	0	0	0	0	2,459	0	0	0	0	2,459
Admin for Children & Families 1/ 2/	0	0	0	0	34,347	0	0	0	0	34,347
Agency for Health Care Policy & Research 3/	1,485	920	50	515	50,274	0	5,799	0	42,108	2,367
Health Care Financing Admin	0	0	0	0	75,491	0	0	0	0	75,491
National Institutes of Health 4/	18,769	17,203	1,566	0	35,397	0	0	0	0	35,397
Office of the Secretary	0	0	0	0	4,977	0	2,986	249	1,742	0
Social Security Administration	0	0	0	0	33,000	0	0	0	0	33,000
Department of Housing & Urban Dvlpmt	188	0	188	0	7,374	0	6,811	17	253	293
Department of the Interior, total	13,640	3,318	10,322	0	4,298	1,535	0	0	1,400	1,363
Bureau of Land Management	0	0	0	0	35	35	0	0	0	0
Geological Survey	13,480	3,318	10,162	0	450	0	0	0	0	450
National Park Service	160	0	160	0	3,813	1,500	0	0	1,400	913

See explanatory information, if any, and SOURCE at end of table.

Table C-31. Federal obligations for research in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Department of Justice, total	800	500	300	0	14,513	225	900	1,150	4,600	7,638
Bureau of Prisons 5/	0	0	0	0	2,000	100	100	0	1,600	200
Office of Justice Programs	800	500	300	0	12,513	125	800	1,150	3,000	7,438
Department of Labor, total	0	0	0	0	23,814	0	23,238	0	0	576
Bureau of Labor Statistics	0	0	0	0	7,600	0	7,600	0	0	0
Employment & Training Admin	0	0	0	0	5,640	0	5,640	0	0	0
Occupational Safety & Health Administration	0	0	0	0	3,094	0	3,094	0	0	0
Office of the Secretary	0	0	0	0	4,118	0	3,542	0	0	576
Pension Benefit Guaranty Corp	0	0	0	0	812	0	812	0	0	0
Pension & Welfare Benefit Admin	0	0	0	0	2,550	0	2,550	0	0	0
Department of State	0	0	0	0	5,554	390	1,461	2,092	738	873
Department of Transportation, total	20,259	914	14,438	4,907	16,933	0	6,769	316	3,886	5,962
Coast Guard	1,264	0	1,264	0	0	0	0	0	0	0
Federal Aviation Administration	7,864	135	7,729	0	0	0	0	0	0	0
Federal Highway Administration	5,709	779	4,930	0	8,710	0	2,957	316	0	5,437
Federal Railroad Administration	0	0	0	0	3,772	0	3,772	0	0	0
National Highway Traffic Safety Administration	4,907	0	0	4,907	3,886	0	0	0	3,886	0
Office of the Secretary	0	0	0	0	40	0	40	0	0	0
Research & Special Programs Administration	515	0	515	0	525	0	0	0	0	525
Department of the Treasury, total	11,178	9,501	1,677	0	7,158	0	4,938	0	0	2,220
Internal Revenue Service 6/	11,178	9,501	1,677	0	6,343	0	4,123	0	0	2,220
Office of Thrift Supervision 7/	0	0	0	0	815	0	815	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-31. Federal obligations for research in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Other agencies:										
Advisory Commission on Intergovernmental Relations	0	0	0	0	1,730	0	865	865	0	0
Agency for International Dvlpmt	4,200	0	4,200	0	28,720	0	9,141	5,154	411	14,014
Appalachian Regional Commission	0	0	0	0	1,900	0	0	0	0	1,900
Environmental Protection Agency	5,782	0	5,782	0	0	0	0	0	0	0
Federal Communications Commission	115	0	115	0	334	0	294	0	0	40
Federal Trade Commission	0	0	0	0	1,285	0	1,285	0	0	0
National Aeronautics & Space Admin	71,686	20,677	43,799	7,210	39	0	0	0	0	39
National Archives & Records Admin	10	10	0	0	0	0	0	0	0	0
National Science Foundation	213,392	89,560	123,165	667	54,145	7,947	18,175	4,601	7,024	16,398
Smithsonian Institution	0	0	0	0	29,981	3,321	0	0	0	26,660
Tennessee Valley Authority	0	0	0	0	566	0	566	0	0	0
US Arms Control & Disarmament Agency	235	75	160	0	1,723	0	0	1,723	0	0
US International Trade Commission	0	0	0	0	12,280	0	12,280	0	0	0

1/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

2/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

3/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

4/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

5/ Formerly listed as Federal Prison System

6/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

7/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-32. Estimated Federal obligations for research in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Total, all agencies	1,363,022	358,624	896,796	107,602	704,346	14,918	210,361	19,349	88,943	370,775
Departments:										
Department of Agriculture, total	16,135	13,587	2,548	0	121,993	27	109,547	0	12,419	0
Agricultural Cooperative Service	0	0	0	0	3,518	0	3,518	0	0	0
Agricultural Research Service	2,740	192	2,548	0	20	0	20	0	0	0
Cooperative State Research Svc	0	0	0	0	49,147	0	40,075	0	9,072	0
Economic Research Service	0	0	0	0	58,925	0	56,296	0	2,629	0
Forest Service	9,806	9,806	0	0	10,383	27	9,638	0	718	0
Nat'l Agricultural Statistics Svc	3,589	3,589	0	0	0	0	0	0	0	0
Department of Commerce, total	43,441	13,037	25,659	4,745	15,268	0	4,250	839	5,479	4,700
Bureau of the Census	1,970	1,744	226	0	699	0	382	317	0	0
National Institute of Standards & Technology	26,545	4,428	17,372	4,745	215	0	215	0	0	0
National Oceanic & Atmospheric Administration	14,926	6,865	8,061	0	14,354	0	3,653	522	5,479	4,700
Department of Defense, total	652,269	110,713	509,319	32,237	13,863	658	435	0	290	12,480
Department of the Army	109,735	15,774	78,565	15,396	989	264	435	0	290	0
Department of the Navy	61,461	19,269	38,791	3,401	0	0	0	0	0	0
Department of the Air Force	84,881	51,862	33,019	0	394	394	0	0	0	0
Defense agencies	396,192	23,808	358,944	13,440	12,480	0	0	0	0	12,480
Department of Education	2,623	0	0	2,623	102,490	0	0	0	1,883	100,607
Department of Energy	221,864	68,266	116,823	36,775	129	0	129	0	0	0
Dept of Health & Human Svcs, total	23,942	21,326	1,876	740	232,167	0	10,755	402	48,078	172,932
Administration on Aging 1/	0	0	0	0	2,456	0	0	0	0	2,456
Admin for Children & Families 1/ 2/	0	0	0	0	17,795	0	0	0	0	17,795
Agency for Health Care Policy & Research 3/	2,113	1,310	63	740	53,882	0	5,927	0	45,261	2,694
Health Care Financing Admin	0	0	0	0	68,700	0	0	0	0	68,700
National Institutes of Health 4/	21,829	20,016	1,813	0	41,187	0	0	0	0	41,187
Office of the Secretary	0	0	0	0	8,047	0	4,828	402	2,817	0
Social Security Administration	0	0	0	0	40,100	0	0	0	0	40,100
Department of Housing & Urban Dvlpmt	145	0	145	0	7,738	0	7,282	0	89	367
Department of the Interior, total	14,371	3,134	11,237	0	5,235	1,835	0	0	2,000	1,400
Bureau of Land Management	0	0	0	0	35	35	0	0	0	0
Geological Survey	13,871	3,134	10,737	0	400	0	0	0	0	400
National Park Service	500	0	500	0	4,800	1,800	0	0	2,000	1,000

See explanatory information, if any, and SOURCE at end of table.

Table C-52. Estimated Federal obligations for basic research in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Total, all agencies	599,301	272,674	316,592	10,035	151,454	12,762	39,227	7,221	11,241	81,003
Departments:										
Department of Agriculture, total	3,558	2,747	811	0	23,865	10	20,333	0	3,522	0
Agricultural Research Service	872	61	811	0	11	0	11	0	0	0
Cooperative State Research Svc	0	0	0	0	13,343	0	10,468	0	2,875	0
Economic Research Service	0	0	0	0	7,205	0	6,802	0	403	0
Forest Service	1,480	1,480	0	0	3,306	10	3,052	0	244	0
Nat'l Agricultural Statistics Svc	1,206	1,206	0	0	0	0	0	0	0	0
Department of Commerce, total	1,612	960	652	0	0	0	0	0	0	0
Bureau of the Census	267	267	0	0	0	0	0	0	0	0
National Institute of Standards & Technology	1,345	693	652	0	0	0	0	0	0	0
Department of Defense, total	164,984	62,637	99,442	2,905	290	0	0	0	0	290
Department of the Army	24,901	8,659	15,737	505	0	0	0	0	0	0
Department of the Navy	42,222	20,140	19,682	2,400	0	0	0	0	0	0
Department of the Air Force	33,743	19,957	13,786	0	0	0	0	0	0	0
Defense agencies	64,118	13,881	50,237	0	290	0	0	0	0	290
Department of Education	0	0	0	0	9,561	0	0	0	0	9,561
Department of Energy	111,945	85,617	26,328	0	0	0	0	0	0	0
Dept of Health & Human Svcs, total	14,496	13,162	1,334	0	24,928	0	0	0	0	24,928
National Institutes of Health 1/	14,496	13,162	1,334	0	24,928	0	0	0	0	24,928
Department of the Interior, total	1,763	1,209	554	0	300	0	0	0	0	300
Geological Survey	1,763	1,209	554	0	300	0	0	0	0	300
Department of Justice, total	300	200	100	0	1,597	25	50	200	322	1,000
Office of Justice Programs	300	200	100	0	1,597	25	50	200	322	1,000
Department of Labor, total	0	0	0	0	230	0	230	0	0	0
Employment & Training Admin	0	0	0	0	100	0	100	0	0	0
Pension Benefit Guaranty Corp	0	0	0	0	130	0	130	0	0	0
Department of State	0	0	0	0	4,875	390	1,219	1,950	731	585
Department of the Treasury, total	14,312	0	14,312	0	0	0	0	0	0	0
Internal Revenue Service 2/	14,312	0	14,312	0	0	0	0	0	0	0
Other agencies:										
Agency for International Dvlpmt	0	0	0	0	145	0	0	0	0	145
Environmental Protection Agency	9,800	0	9,800	0	0	0	0	0	0	0
National Aeronautics & Space Admin	33,895	6,142	21,103	6,650	50	0	0	0	0	50
National Science Foundation	242,636	100,000	142,156	480	55,204	8,967	17,395	5,071	6,666	17,105
Smithsonian Institution	0	0	0	0	30,409	3,370	0	0	0	27,039

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

2/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-51. Estimated Federal obligations for basic research in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Total, all agencies	545,373	243,521	292,750	9,102	154,663	11,980	37,782	6,868	11,425	86,608
Departments:										
Department of Agriculture, total	3,313	2,524	789	0	24,670	9	20,240	0	4,421	0
Agricultural Research Service	848	59	789	0	11	0	11	0	0	0
Cooperative State Research Svc	0	0	0	0	13,540	0	10,845	0	2,695	0
Economic Research Service	0	0	0	0	8,250	0	6,736	0	1,514	0
Forest Service	1,284	1,284	0	0	2,869	9	2,648	0	212	0
Nat'l Agricultural Statistics Svc	1,181	1,181	0	0	0	0	0	0	0	0
Department of Commerce, total	1,574	938	636	0	0	0	0	0	0	0
Bureau of the Census	261	261	0	0	0	0	0	0	0	0
National Institute of Standards & Technology	1,313	677	636	0	0	0	0	0	0	0
Department of Defense, total	168,742	58,496	106,454	3,792	12,590	110	0	0	0	12,480
Department of the Army	18,909	7,581	10,079	1,249	110	110	0	0	0	0
Department of the Navy	39,720	18,660	18,766	2,294	0	0	0	0	0	0
Department of the Air Force	32,502	19,092	13,410	0	0	0	0	0	0	0
Defense agencies	77,611	13,163	64,199	249	12,480	0	0	0	0	12,480
Department of Education	0	0	0	0	5,442	0	0	0	0	5,442
Department of Energy	89,955	68,266	21,689	0	0	0	0	0	0	0
Dept of Health & Human Svcs, total	14,059	12,764	1,295	0	24,176	0	0	0	0	24,176
National Institutes of Health 1/	14,059	12,764	1,295	0	24,176	0	0	0	0	24,176
Department of the Interior, total	1,731	1,206	525	0	300	0	0	0	0	300
Geological Survey	1,731	1,206	525	0	300	0	0	0	0	300
Department of Justice, total	200	100	100	0	1,873	50	150	300	300	1,073
Office of Justice Programs	200	100	100	0	1,873	50	150	300	300	1,073
Department of Labor, total	0	0	0	0	220	0	220	0	0	0
Employment & Training Admin	0	0	0	0	100	0	100	0	0	0
Pension Benefit Guaranty Corp	0	0	0	0	120	0	120	0	0	0
Department of State	0	0	0	0	4,872	390	1,218	1,949	730	585
Department of the Treasury, total	5,825	0	5,825	0	0	0	0	0	0	0
Internal Revenue Service 2/	5,825	0	5,825	0	0	0	0	0	0	0
Other agencies:										
Environmental Protection Agency	8,000	0	8,000	0	0	0	0	0	0	0
National Aeronautics & Space Admin	31,334	6,056	20,428	4,910	48	0	0	0	0	48
National Science Foundation	220,580	93,171	127,009	400	50,335	8,081	15,954	4,619	5,974	15,707
Smithsonian Institution	0	0	0	0	30,137	3,340	0	0	0	26,797

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

2/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-50. Federal obligations for basic research in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Total, all agencies	481,425	228,180	247,731	5,514	139,861	11,044	39,299	6,434	10,202	72,882
Departments:										
Department of Agriculture, total	3,349	2,488	861	0	24,599	9	21,223	0	3,367	0
Agricultural Research Service	920	59	861	0	10	0	10	0	0	0
Cooperative State Research Svc	0	0	0	0	13,559	0	10,859	0	2,700	0
Economic Research Service	0	0	0	0	8,242	0	7,781	0	461	0
Forest Service	1,248	1,248	0	0	2,788	9	2,573	0	206	0
Nat'l Agricultural Statistics Svc	1,181	1,181	0	0	0	0	0	0	0	0
Department of Commerce, total	1,598	1,230	368	0	0	0	0	0	0	0
Bureau of the Census	764	764	0	0	0	0	0	0	0	0
National Institute of Standards & Technology	834	466	368	0	0	0	0	0	0	0
Department of Defense, total	148,986	53,882	92,376	2,728	3,205	0	0	0	0	3,205
Department of the Army	23,916	7,972	15,819	125	0	0	0	0	0	0
Department of the Navy	38,471	17,720	18,209	2,542	0	0	0	0	0	0
Department of the Air Force	28,757	18,358	10,399	0	0	0	0	0	0	0
Defense agencies	57,842	9,832	47,949	61	3,205	0	0	0	0	3,205
Department of Education	0	0	0	0	5,864	0	0	0	0	5,864
Department of Energy	88,310	63,547	24,763	0	0	0	0	0	0	0
Dept of Health & Human Svcs, total	12,099	10,984	1,115	0	20,782	0	0	0	0	20,782
National Institutes of Health 1/	12,099	10,984	1,115	0	20,782	0	0	0	0	20,782
Department of the Interior, total	1,862	1,262	600	0	300	0	0	0	0	300
Geological Survey	1,862	1,262	600	0	300	0	0	0	0	300
Department of Justice, total	300	200	100	0	2,575	25	300	450	600	1,200
Office of Justice Programs	300	200	100	0	2,575	25	300	450	600	1,200
Department of Labor, total	0	0	0	0	224	0	224	0	0	0
Employment & Training Admin	0	0	0	0	200	0	200	0	0	0
Pension Benefit Guaranty Corp	0	0	0	0	24	0	24	0	0	0
Department of State	0	0	0	0	4,869	389	1,217	1,948	730	585
Department of the Treasury, total	2,281	1,939	342	0	1,295	0	842	0	0	453
Internal Revenue Service 2/	2,281	1,939	342	0	1,295	0	842	0	0	453
Other agencies:										
Agency for International Dvlpmt	0	0	0	0	597	0	597	0	0	0
Environmental Protection Agency	4,935	0	4,935	0	0	0	0	0	0	0
National Aeronautics & Space Admin	26,415	4,993	18,636	2,786	39	0	0	0	0	39
National Science Foundation	191,290	87,655	103,635	0	45,531	7,300	14,896	4,036	5,505	13,794
Smithsonian Institution	0	0	0	0	29,981	3,321	0	0	0	26,660

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

2/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-49. Estimated Federal obligations for basic research in engineering, by agency and detailed field of engineering: fiscal year 1994

[Dollars in thousands]

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Agency and subdivision	Total	Aero-nautical	Astro-nautical	Chemical	Civil	Elec-trical	Mechan-ical	Metal-lurgy and materials	Engi-neering, n.e.c.
Total, all agencies	1,437,954	288,838	99,288	113,593	66,913	217,151	156,615	338,667	156,889
Departments:									
Department of Agriculture, total	22,480	0	0	2,815	1,457	296	1,162	0	16,750
Agricultural Research Service	2,345	0	0	1,193	633	281	202	0	36
Cooperative State Research Svc	7,266	0	0	0	0	0	0	0	7,266
Forest Service	12,869	0	0	1,622	824	15	960	0	9,448
Department of Commerce, total	9,885	0	0	1,304	0	1,545	5	2,514	4,517
National Institute of Standards & Technology	9,885	0	0	1,304	0	1,545	5	2,514	4,517
Department of Defense, total	458,876	41,227	11,912	13,529	15,643	143,291	80,137	147,938	5,199
Department of the Army	73,223	11,522	0	3,726	7,666	27,057	9,105	14,147	0
Department of the Navy	120,685	0	0	756	700	43,590	37,194	38,140	305
Department of the Air Force	94,082	19,601	11,912	1,600	4,194	34,251	5,417	17,083	24
Defense agencies	170,886	10,104	0	7,447	3,083	38,393	28,421	78,568	4,870
Department of Energy	117,191	0	0	25,571	218	400	17,330	59,820	13,852
Dept of Health & Human Svcs, total	69,507	0	0	0	0	0	0	0	69,507
National Institutes of Health 1/	69,507	0	0	0	0	0	0	0	69,507
Department of the Interior, total	24,421	0	0	0	0	0	0	8,329	16,092
Bureau of Mines	24,421	0	0	0	0	0	0	8,329	16,092
Department of Transportation, total	2,340	0	0	0	2,340	0	0	0	0
Federal Highway Administration	2,340	0	0	0	2,340	0	0	0	0
Other agencies:									
Environmental Protection Agency	35,800	0	0	21,500	12,300	0	0	0	2,000
National Aeronautics & Space Admin	453,186	244,721	87,376	2,060	207	6,212	10,878	91,574	10,158
National Science Foundation	244,268	2,890	0	46,814	34,748	65,407	47,103	28,492	18,814

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-48. Estimated Federal obligations for basic research in engineering, by agency and detailed field of engineering: fiscal year 1993

[Dollars in thousands]

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Agency and subdivision	Total	Aero-nautical	Astro-nautical	Chemical	Civil	Elec-trical	Mechan-ical	Metal-lurgy and materials	Engi-neering, n.e.c.
Total, all agencies	1,407,844	299,566	105,714	118,756	58,557	206,011	137,851	296,799	184,590
Departments:									
Department of Agriculture, total	21,757	0	0	2,568	1,331	286	1,030	0	16,542
Agricultural Research Service	2,281	0	0	1,161	616	273	196	0	35
Cooperative State Research Svc	8,308	0	0	0	0	0	0	0	8,308
Forest Service	11,168	0	0	1,407	715	13	834	0	8,199
Department of Commerce, total	8,271	0	0	1,273	0	1,005	5	1,485	4,503
National Institute of Standards & Technology	8,271	0	0	1,273	0	1,005	5	1,485	4,503
Department of Defense, total	446,985	42,727	11,368	12,005	15,180	138,106	66,779	140,453	20,367
Department of the Army	71,782	14,681	0	4,565	7,989	23,999	6,693	13,277	578
Department of the Navy	113,338	0	0	604	506	40,930	35,304	35,646	348
Department of the Air Force	91,213	19,282	11,368	1,658	3,851	33,421	5,054	16,579	0
Defense agencies	170,652	8,764	0	5,178	2,834	39,756	19,728	74,951	19,441
Department of Energy	137,424	0	0	38,166	327	400	16,542	68,661	13,326
Dept of Health & Human Svcs, total	67,410	0	0	0	0	0	0	0	67,410
National Institutes of Health 1/	67,410	0	0	0	0	0	0	0	67,410
Department of the Interior, total	41,102	0	0	0	0	0	0	8,702	32,400
Bureau of Mines	41,102	0	0	0	0	0	0	8,702	32,400
Department of Transportation, total	3,510	0	0	0	3,510	0	0	0	0
Federal Highway Administration	3,510	0	0	0	3,510	0	0	0	0
Other agencies:									
Environmental Protection Agency	19,600	0	0	11,000	6,900	0	0	0	1,700
National Aeronautics & Space Admin	435,907	253,973	94,346	10,700	201	6,013	10,530	50,311	9,833
National Science Foundation	225,878	2,866	0	43,044	31,108	60,201	42,965	27,187	18,507

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-47. Federal obligations for basic research in engineering, by agency and detailed field of engineering: fiscal year 1992

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Total	Aero-nautical	Astro-nautical	Chemical	Civil	Elec-trical	Mechan-ical	Metal-lurgy and materials	Engi-neering, n.e.c.
Total, all agencies	1,219,819	245,072	94,408	104,955	53,376	165,379	113,857	273,582	199,190
Departments:									
Department of Agriculture, total	21,627	0	0	2,652	1,337	299	1,016	0	16,323
Agricultural Research Service	2,452	0	0	1,284	642	287	206	0	33
Cooperative State Research Svc	8,322	0	0	0	0	0	0	0	8,322
Forest Service	10,853	0	0	1,368	695	12	810	0	7,968
Department of Commerce, total	6,945	0	0	752	0	970	179	1,339	3,705
National Institute of Standards & Technology	6,945	0	0	752	0	970	179	1,339	3,705
Department of Defense, total	393,093	32,909	10,368	10,866	13,607	116,654	61,155	137,913	9,621
Department of the Army	69,609	11,686	218	4,680	7,325	24,897	7,074	12,909	820
Department of the Navy	110,769	0	0	421	581	40,250	34,914	34,308	295
Department of the Air Force	80,935	16,795	9,296	789	4,088	31,149	4,901	13,917	0
Defense agencies	131,780	4,428	854	4,976	1,613	20,358	14,266	76,779	8,506
Department of Energy	172,481	0	0	35,985	308	400	16,532	61,718	57,538
Dept of Health & Human Svcs, total	57,938	0	0	0	0	0	0	0	57,938
National Institutes of Health 1/	57,938	0	0	0	0	0	0	0	57,938
Department of the Interior, total	39,905	0	0	0	0	0	0	13,105	26,800
Bureau of Mines	39,905	0	0	0	0	0	0	13,105	26,800
Department of Transportation, total	1,170	0	0	0	1,170	0	0	0	0
Federal Highway Administration	1,170	0	0	0	1,170	0	0	0	0
Other agencies:									
Environmental Protection Agency	25,060	0	0	12,500	11,060	0	0	0	1,500
National Aeronautics & Space Admin	364,213	209,302	84,040	8,427	162	4,856	8,504	40,961	7,941
National Science Foundation	167,387	2,861	0	33,773	25,732	42,200	26,471	18,526	17,824

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-46. Estimated Federal obligations for basic research in physical and environmental sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Total, all agencies	3,270,855	822,983	664,447	1,715,397	68,028	1,450,509	505,165	584,136	229,938	131,270
Departments:										
Department of Agriculture, total	42,210	0	40,673	1,537	0	4,488	4,120	368	0	0
Agricultural Research Service	27,188	0	26,176	1,012	0	1,729	1,623	106	0	0
Cooperative State Research Svc	9,374	0	9,374	0	0	1,026	1,026	0	0	0
Forest Service	5,648	0	5,123	525	0	1,733	1,471	262	0	0
Department of Commerce, total	28,586	350	11,516	16,615	105	291	0	291	0	0
National Institute of Standards & Technology	28,586	350	11,516	16,615	105	291	0	291	0	0
Department of Defense, total	224,543	10,224	87,638	123,484	3,197	187,483	46,066	54,214	83,761	3,442
Department of the Army	40,961	0	9,913	30,432	616	18,340	12,838	2,302	0	3,200
Department of the Navy	83,161	5,231	27,234	48,115	2,581	126,480	15,364	35,579	75,537	0
Department of the Air Force	60,765	3,554	31,425	25,786	0	30,853	15,655	15,198	0	0
Defense agencies	39,656	1,439	19,066	19,151	0	11,810	2,209	1,135	8,224	242
Department of Energy	1,194,913	0	125,597	1,069,081	235	162,596	100,537	51,396	7,608	3,055
Dept of Health & Human Svcs, total	145,201	0	130,680	14,521	0	0	0	0	0	0
National Institutes of Health 1/	145,201	0	130,680	14,521	0	0	0	0	0	0
Department of the Interior, total	5,150	0	5,150	0	0	173,978	700	161,092	10,249	1,937
Bureau of Land Management	0	0	0	0	0	637	0	0	0	637
Bureau of Mines	0	0	0	0	0	4,616	0	3,316	0	1,300
Geological Survey	5,150	0	5,150	0	0	168,725	700	157,776	10,249	0
Other agencies:										
Environmental Protection Agency	37,800	0	36,100	1,700	0	31,500	17,600	6,900	7,000	0
National Aeronautics & Space Admin	1,029,256	661,570	46,341	267,608	53,737	408,775	189,482	146,864	28,487	43,942
National Archives & Records Admin	150	0	0	150	0	0	0	0	0	0
National Science Foundation	534,780	122,676	180,649	220,701	10,754	474,314	146,597	157,956	90,867	78,894
Smithsonian Institution	28,163	28,163	0	0	0	7,084	63	5,055	1,966	0
Tennessee Valley Authority	103	0	103	0	0	0	0	0	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-45. Estimated Federal obligations for basic research in physical and environmental sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chem-istry	Physics	Physical sciences, n.e.c.	Total	Atmos-pheric	Geo-logical	Ocean-ography	Environ-mental sciences, n.e.c.
Total, all agencies	3,226,750	806,426	638,112	1,715,283	66,929	1,391,574	478,767	538,896	242,414	131,497
Departments:										
Department of Agriculture, total	41,052	0	39,612	1,440	0	4,504	4,174	330	0	0
Agricultural Research Service	26,443	0	25,459	984	0	1,682	1,579	103	0	0
Cooperative State Research Svc	9,707	0	9,707	0	0	1,319	1,319	0	0	0
Forest Service	4,902	0	4,446	456	0	1,503	1,276	227	0	0
Department of Commerce, total	26,957	341	11,258	15,256	102	284	0	284	0	0
National Institute of Standards & Technology	26,957	341	11,258	15,256	102	284	0	284	0	0
Department of Defense, total	218,731	9,519	83,948	122,533	2,731	186,208	46,644	51,050	80,680	7,834
Department of the Army	30,377	0	13,663	16,002	712	19,968	10,164	2,618	0	7,186
Department of the Navy	78,523	5,351	25,615	45,538	2,019	117,139	14,126	32,534	70,479	0
Department of the Air Force	59,023	3,509	30,357	25,157	0	29,644	15,241	14,603	0	0
Defense agencies	50,808	659	14,313	35,836	0	19,257	7,113	1,295	10,201	648
Department of Energy	1,213,496	0	132,132	1,081,129	235	147,590	86,457	49,743	7,698	3,692
Dept of Health & Human Svcs, total	140,820	0	126,738	14,082	0	0	0	0	0	0
National Institutes of Health 1/	140,820	0	126,738	14,082	0	0	0	0	0	0
Department of the Interior, total	5,132	0	5,132	0	0	174,681	700	135,114	36,961	1,906
Bureau of Land Management	0	0	0	0	0	637	0	0	0	637
Bureau of Mines	0	0	0	0	0	4,449	0	3,180	0	1,269
Geological Survey	5,132	0	5,132	0	0	169,595	700	131,934	36,961	0
Other agencies:										
Environmental Protection Agency	23,400	0	21,700	1,700	0	12,600	12,600	0	0	0
National Aeronautics & Space Admin	1,016,247	652,124	45,892	265,015	53,216	405,678	188,046	145,751	28,271	43,610
National Archives & Records Admin	150	0	0	150	0	0	0	0	0	0
National Science Foundation	512,760	116,530	171,607	213,978	10,645	453,008	140,084	151,614	86,855	74,455
Smithsonian Institution	27,912	27,912	0	0	0	7,021	62	5,010	1,949	0
Tennessee Valley Authority	93	0	93	0	0	0	0	0	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-44. Federal obligations for basic research in physical and environmental sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Total, all agencies	2,951,429	729,687	556,614	1,607,500	57,628	1,303,634	435,242	526,465	209,981	131,946
Departments:										
Department of Agriculture, total	42,551	0	41,065	1,486	0	4,565	4,231	334	0	0
Agricultural Research Service	28,069	0	27,026	1,043	0	1,784	1,671	113	0	0
Cooperative State Research Svc	9,719	0	9,719	0	0	1,320	1,320	0	0	0
Forest Service	4,763	0	4,320	443	0	1,461	1,240	221	0	0
Department of Commerce, total	25,669	367	10,781	14,451	70	126	0	126	0	0
National Institute of Standards & Technology	25,669	367	10,781	14,451	70	126	0	126	0	0
Department of Defense, total	199,600	9,516	78,700	102,485	8,899	174,697	36,376	44,243	71,076	23,002
Department of the Army	38,423	0	12,772	19,241	6,410	12,222	8,084	2,495	100	1,543
Department of the Navy	78,200	5,394	25,043	45,274	2,489	110,565	13,210	31,439	65,916	0
Department of the Air Force	55,643	3,657	27,479	24,507	0	17,459	12,853	4,606	0	0
Defense agencies	27,334	465	13,406	13,463	0	34,451	2,229	5,703	5,060	21,459
Department of Energy	1,172,771	0	128,981	1,043,578	212	132,083	76,394	47,040	6,217	2,432
Dept of Health & Human Svcs, total	121,061	0	108,221	12,840	0	0	0	0	0	0
National Institutes of Health 1/	121,061	0	108,221	12,840	0	0	0	0	0	0
Department of the Interior, total	5,453	0	5,453	0	0	176,800	700	149,285	24,956	1,859
Bureau of Land Management	0	0	0	0	0	637	0	0	0	637
Bureau of Mines	0	0	0	0	0	3,841	0	2,619	0	1,222
Geological Survey	5,453	0	5,453	0	0	172,322	700	146,666	24,956	0
Other agencies:										
Environmental Protection Agency	19,958	0	18,560	1,398	0	16,632	16,632	0	0	0
National Aeronautics & Space Admin	908,332	576,786	37,065	251,360	43,121	382,707	174,268	142,941	26,858	38,640
National Archives & Records Admin	495	0	280	215	0	0	0	0	0	0
National Science Foundation	427,911	115,483	127,415	179,687	5,326	409,254	126,577	137,668	78,996	66,013
Smithsonian Institution	27,535	27,535	0	0	0	6,770	64	4,828	1,878	0
Tennessee Valley Authority	93	0	93	0	0	0	0	0	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-43. Estimated Federal obligations for basic research in psychology and life sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Psychology				Life sciences					
	Total	Biological aspects	Social aspects	Psychological sciences, n.e.c.	Total	Biological	Environmental biology	Agricultural	Medical	Life sciences, n.e.c.
Total, all agencies	141,069	16,281	17,467	107,321	6,883,611	3,518,405	214,872	353,324	2,527,601	269,409
Departments:										
Department of Agriculture, total	118	0	118	0	533,629	95,831	77,380	345,426	14,992	0
Agricultural Research Service	0	0	0	0	302,658	22,113	20,569	251,426	8,550	0
Cooperative State Research Svc	0	0	0	0	173,874	57,809	22,749	91,427	1,889	0
Forest Service	118	0	118	0	55,914	15,909	34,062	1,390	4,553	0
Office of International Cooperation & Development	0	0	0	0	1,183	0	0	1,183	0	0
Department of Commerce, total	63	0	63	0	0	0	0	0	0	0
Bureau of the Census	63	0	63	0	0	0	0	0	0	0
Department of Defense, total	24,798	9,394	10,762	4,642	141,565	54,621	20,307	0	66,637	0
Department of the Army	4,851	58	2,632	2,161	47,721	3,430	718	0	43,573	0
Department of the Navy	17,655	7,492	7,794	2,369	36,028	14,534	9,046	0	12,448	0
Department of the Air Force	504	56	336	112	26,053	23,816	1,611	0	626	0
Defense agencies	1,788	1,788	0	0	31,763	12,841	8,932	0	9,990	0
Department of Education	0	0	0	0	1,496	0	0	0	0	1,496
Department of Energy	0	0	0	0	193,797	183,733	0	300	0	9,764
Dept of Health & Human Svcs, total	97,165	61	61	97,043	5,523,866	2,854,289	61	0	2,424,845	244,671
Health Resources & Svcs Admin	0	0	0	0	1,246	0	0	0	1,246	0
National Institutes of Health 1/	97,165	61	61	97,043	5,522,620	2,854,289	61	0	2,423,599	244,671
Department of the Interior, total	0	0	0	0	7,800	5,320	2,380	100	0	0
Geological Survey	0	0	0	0	200	0	100	100	0	0
US Fish & Wildlife Service	0	0	0	0	7,600	5,320	2,280	0	0	0
Department of Justice, total	1,000	300	500	200	400	200	100	0	0	100
Office of Justice Programs	1,000	300	500	200	400	200	100	0	0	100
Department of Veterans Affairs	310	310	0	0	11,590	1,854	0	0	9,736	0
Other agencies:										
Agency for International Dvlpmt	0	0	0	0	4,986	0	945	1,041	0	3,000
Environmental Protection Agency	400	0	400	0	64,700	48,100	8,800	3,500	4,000	300
National Aeronautics & Space Admin	4,994	51	612	4,331	41,487	20,491	2,793	980	7,391	9,832
National Science Foundation	12,221	6,165	4,951	1,105	321,074	237,388	83,440	0	0	246
Smithsonian Institution	0	0	0	0	35,244	16,578	18,666	0	0	0
Tennessee Valley Authority	0	0	0	0	1,977	0	0	1,977	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-42. Estimated Federal obligations for basic research in psychology and life sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Psychology				Life sciences					
	Total	Biological aspects	Social aspects	Psychological sciences, n.e.c.	Total	Biological	Environmental biology	Agricultural	Medical	Life sciences, n.e.c.
Total, all agencies	135,697	15,477	15,826	104,394	6,601,691	3,383,682	205,119	337,718	2,453,391	221,781
Departments:										
Department of Agriculture, total	102	0	102	0	500,908	83,971	70,202	329,444	17,291	0
Agricultural Research Service	0	0	0	0	294,365	21,507	20,005	244,537	8,316	0
Cooperative State Research Svc	0	0	0	0	156,860	48,657	20,638	82,541	5,024	0
Forest Service	102	0	102	0	48,524	13,807	29,559	1,207	3,951	0
Office of International Cooperation & Development	0	0	0	0	1,159	0	0	1,159	0	0
Department of Commerce, total	61	0	61	0	0	0	0	0	0	0
Bureau of the Census	61	0	61	0	0	0	0	0	0	0
Department of Defense, total	23,695	9,306	9,443	4,946	142,467	52,839	26,670	0	62,958	0
Department of the Army	4,736	142	2,104	2,490	49,569	5,315	305	0	43,949	0
Department of the Navy	16,380	6,955	7,211	2,214	33,576	13,887	8,518	0	11,171	0
Department of the Air Force	540	170	128	242	25,266	22,727	2,074	0	465	0
Defense agencies	2,039	2,039	0	0	34,056	10,910	15,773	0	7,373	0
Department of Education	0	0	0	0	1,504	0	0	0	0	1,504
Department of Energy	0	0	0	0	185,602	173,646	0	300	0	11,656
Dept of Health & Human Svcs, total	94,233	59	59	94,115	5,316,099	2,768,175	59	0	2,351,752	196,113
Health Resources & Svcs Admin	0	0	0	0	1,274	0	0	0	1,274	0
National Institutes of Health 1/	94,233	59	59	94,115	5,314,825	2,768,175	59	0	2,350,478	196,113
Department of the Interior, total	0	0	0	0	6,400	4,340	1,960	100	0	0
Geological Survey	0	0	0	0	200	0	100	100	0	0
US Fish & Wildlife Service	0	0	0	0	6,200	4,340	1,860	0	0	0
Department of Justice, total	1,150	150	800	200	350	200	150	0	0	0
Office of Justice Programs	1,150	150	800	200	350	200	150	0	0	0
Department of Veterans Affairs	302	302	0	0	13,898	4,155	0	0	9,743	0
Other agencies:										
Agency for International Dvlpmt	0	0	0	0	6,114	0	630	1,642	1,092	2,750
Environmental Protection Agency	300	0	300	0	50,500	38,100	5,500	3,500	3,400	0
National Aeronautics & Space Admin	4,835	50	592	4,193	39,173	18,849	2,703	949	7,155	9,517
National Science Foundation	11,019	5,610	4,469	940	301,964	222,977	78,746	0	0	241
Smithsonian Institution	0	0	0	0	34,929	16,430	18,499	0	0	0
Tennessee Valley Authority	0	0	0	0	1,783	0	0	1,783	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-41. Federal obligations for basic research in psychology and life sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Psychology				Life sciences					
	Total	Biological aspects	Social aspects	Psychological sciences, n.e.c.	Total	Biological	Environmental biology	Agricultural	Medical	Life sciences, n.e.c.
Total, all agencies	122,551	14,386	16,892	91,273	5,841,708	2,981,840	201,597	334,175	2,131,031	193,065
Departments:										
Department of Agriculture, total	99	0	99	0	497,830	83,906	69,835	326,222	17,867	0
Agricultural Research Service	0	0	0	0	292,855	21,755	20,431	241,668	9,001	0
Cooperative State Research Svc	0	0	0	0	156,661	48,734	20,678	82,223	5,026	0
Forest Service	99	0	99	0	47,155	13,417	28,726	1,172	3,840	0
Office of International Cooperation & Development	0	0	0	0	1,159	0	0	1,159	0	0
Department of Commerce, total	179	0	179	0	0	0	0	0	0	0
Bureau of the Census	179	0	179	0	0	0	0	0	0	0
Department of Defense, total	26,115	8,372	11,935	5,808	140,130	45,362	29,419	0	65,349	0
Department of the Army	6,890	132	3,457	3,301	53,577	4,682	390	0	48,505	0
Department of the Navy	16,069	6,981	6,831	2,257	31,472	11,955	8,551	0	10,966	0
Department of the Air Force	698	153	295	250	22,206	20,144	1,450	0	612	0
Defense agencies	2,458	1,106	1,352	0	32,875	8,581	19,028	0	5,266	0
Department of Education	0	0	0	0	1,649	0	0	0	0	1,649
Department of Energy	0	0	0	0	169,376	155,976	0	299	0	13,101
Dept of Health & Human Svcs, total	81,024	54	36	80,934	4,606,313	2,415,432	73	0	2,022,205	168,603
Health Resources & Svcs Admin	0	0	0	0	1,295	0	0	0	1,295	0
National Institutes of Health 1/	81,024	54	36	80,934	4,605,018	2,415,432	73	0	2,020,910	168,603
Department of the Interior, total	0	0	0	0	6,600	3,968	2,532	100	0	0
Geological Survey	0	0	0	0	200	0	100	100	0	0
US Fish & Wildlife Service	0	0	0	0	6,400	3,968	2,432	0	0	0
Department of Justice, total	471	321	150	0	288	0	0	0	0	288
Office of Justice Programs	471	321	150	0	288	0	0	0	0	288
Department of Veterans Affairs	367	367	0	0	15,333	2,801	0	0	12,532	0
Other agencies:										
Agency for International Dvlpmt	0	0	0	0	5,029	0	815	2,214	500	1,500
Environmental Protection Agency	215	0	0	215	43,600	28,000	6,000	2,800	6,800	0
National Aeronautics & Space Admin	3,904	40	478	3,386	37,176	20,763	2,183	766	5,778	7,686
National Science Foundation	10,177	5,232	4,015	930	282,897	210,000	72,659	0	0	238
Smithsonian Institution	0	0	0	0	33,713	15,632	18,081	0	0	0
Tennessee Valley Authority	0	0	0	0	1,774	0	0	1,774	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-40. Estimated Federal obligations for basic research, by agency and field of science and engineering: fiscal year 1994

[Dollars in thousands]

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Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Department of Justice, total	3,397	400	1,000	0	0	300	0	1,597	100
Office of Justice Programs	3,397	400	1,000	0	0	300	0	1,597	100
Department of Labor, total	230	0	0	0	0	0	0	230	0
Employment & Training Admin	100	0	0	0	0	0	0	100	0
Pension Benefit Guaranty Corp	130	0	0	0	0	0	0	130	0
Department of State	4,875	0	0	0	0	0	0	4,875	0
Department of Transportation, total	2,340	0	0	0	0	0	2,340	0	0
Federal Highway Administration	2,340	0	0	0	0	0	2,340	0	0
Department of the Treasury, total	14,312	0	0	0	0	14,312	0	0	0
Internal Revenue Service 2/	14,312	0	0	0	0	14,312	0	0	0
Department of Veterans Affairs	11,900	11,590	310	0	0	0	0	0	0
Other agencies:									
Agency for International Dvlpmt	5,711	4,986	0	0	0	0	0	145	580
Environmental Protection Agency	180,000	64,700	400	37,800	31,500	9,800	35,800	0	0
Library of Congress	501	0	0	0	0	0	0	0	501
National Aeronautics & Space Admin	1,991,324	41,487	4,994	1,029,256	408,775	33,895	453,186	50	19,681
National Archives & Records Admin	150	0	0	150	0	0	0	0	0
National Science Foundation	2,047,491	321,074	12,221	534,780	474,314	242,636	244,268	55,204	162,994
Smithsonian Institution	100,900	35,244	0	28,163	7,084	0	0	30,409	0
Tennessee Valley Authority	2,080	1,977	0	103	0	0	0	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

2/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-40. Estimated Federal obligations for basic research, by agency and field of science and engineering: fiscal year 1994

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Total, all agencies	14,346,088	6,883,611	141,069	3,270,855	1,450,509	599,301	1,437,954	151,454	411,335
Departments:									
Department of Agriculture, total	630,980	533,629	118	42,210	4,488	3,558	22,480	23,865	632
Agricultural Research Service	334,803	302,658	0	27,188	1,729	872	2,345	11	0
Cooperative State Research Svc	204,883	173,874	0	9,374	1,026	0	7,266	13,343	0
Economic Research Service	7,205	0	0	0	0	0	0	7,205	0
Forest Service	81,700	55,914	118	5,648	1,733	1,480	12,869	3,306	632
Nat'l Agricultural Statistics Svc	1,206	0	0	0	0	1,206	0	0	0
Office of International Cooperation & Development	1,183	1,183	0	0	0	0	0	0	0
Department of Commerce, total	40,437	0	63	28,586	291	1,612	9,885	0	0
Bureau of the Census	330	0	63	0	0	267	0	0	0
National Institute of Standards & Technology	40,107	0	0	28,586	291	1,345	9,885	0	0
Department of Defense, total	1,236,749	141,565	24,798	224,543	187,483	164,984	458,876	290	34,210
Department of the Army	210,415	47,721	4,851	40,961	18,340	24,901	73,223	0	418
Department of the Navy	433,000	36,028	17,655	83,161	126,480	42,222	120,685	0	6,769
Department of the Air Force	246,000	26,053	504	60,765	30,853	33,743	94,082	0	0
Defense agencies	347,334	31,763	1,788	39,656	11,810	64,118	170,886	290	27,023
Department of Education	11,057	1,496	0	0	0	0	0	9,561	0
Department of Energy	1,781,782	193,797	0	1,194,913	162,596	111,945	117,191	0	1,340
Dept of Health & Human Svcs, total	6,066,460	5,523,866	97,165	145,201	0	14,496	69,507	24,928	191,297
Health Resources & Svcs Admin	1,246	1,246	0	0	0	0	0	0	0
National Institutes of Health 1/	6,065,214	5,522,620	97,165	145,201	0	14,496	69,507	24,928	191,297
Department of the Interior, total	213,412	7,800	0	5,150	173,978	1,763	24,421	300	0
Bureau of Land Management	637	0	0	0	637	0	0	0	0
Bureau of Mines	29,037	0	0	0	4,616	0	24,421	0	0
Geological Survey	176,138	200	0	5,150	168,725	1,763	0	300	0
US Fish & Wildlife Service	7,600	7,600	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-39. Estimated Federal obligations for basic research, by agency and field of science and engineering: fiscal year 1993

[Dollars in thousands]

Page 2 of 2

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Department of Justice, total	3,673	350	1,150	0	0	200	0	1,873	100
Office of Justice Programs	3,673	350	1,150	0	0	200	0	1,873	100
Department of Labor, total	220	0	0	0	0	0	0	220	0
Employment & Training Admin	100	0	0	0	0	0	0	100	0
Pension Benefit Guaranty Corp	120	0	0	0	0	0	0	120	0
Department of State	4,872	0	0	0	0	0	0	4,872	0
Department of Transportation, total	3,510	0	0	0	0	0	3,510	0	0
Federal Highway Administration	3,510	0	0	0	0	0	3,510	0	0
Department of the Treasury, total	5,825	0	0	0	0	5,825	0	0	0
Internal Revenue Service 2/	5,825	0	0	0	0	5,825	0	0	0
Department of Veterans Affairs	14,200	13,898	302	0	0	0	0	0	0
Other agencies:									
Agency for International Dvlpmt	6,652	6,114	0	0	0	0	0	0	538
Environmental Protection Agency	114,400	50,500	300	23,400	12,600	8,000	19,600	0	0
Library of Congress	489	0	0	0	0	0	0	0	489
National Aeronautics & Space Admin	1,952,333	39,173	4,835	1,016,247	405,678	31,394	435,907	48	19,051
National Archives & Records Admin	150	0	0	150	0	0	0	0	0
National Science Foundation	1,921,436	301,964	11,019	512,760	453,008	220,580	225,878	50,335	145,892
Smithsonian Institution	99,999	34,929	0	27,912	7,021	0	0	30,137	0
Tennessee Valley Authority	2,063	1,783	0	93	0	0	0	0	187

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

2/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-39. Estimated Federal obligations for basic research, by agency and field of science and engineering: fiscal year 1993

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Total, all agencies	13,897,355	6,601,691	135,697	3,226,750	1,391,574	545,373	1,407,844	154,663	433,763
Departments:									
Department of Agriculture, total	596,854	500,908	102	41,052	4,504	3,313	21,757	24,670	548
Agricultural Research Service	325,630	294,365	0	26,443	1,682	848	2,281	11	0
Cooperative State Research Svc	189,734	156,860	0	9,707	1,319	0	8,308	13,540	0
Economic Research Service	8,250	0	0	0	0	0	0	8,250	0
Forest Service	70,900	48,524	102	4,902	1,503	1,284	11,168	2,869	548
Nat'l Agricultural Statistics Svc	1,181	0	0	0	0	1,181	0	0	0
Office of International Cooperation & Development	1,159	1,159	0	0	0	0	0	0	0
Department of Commerce, total	37,147	0	61	26,957	284	1,574	8,271	0	0
Bureau of the Census	322	0	61	0	0	261	0	0	0
National Institute of Standards & Technology	36,825	0	0	26,957	284	1,313	8,271	0	0
Department of Defense, total	1,238,362	142,467	23,695	218,731	186,208	168,742	446,985	12,590	38,944
Department of the Army	213,255	49,569	4,736	30,377	19,968	18,909	71,782	110	17,804
Department of the Navy	406,000	33,576	16,380	78,523	117,139	39,720	113,338	0	7,324
Department of the Air Force	238,500	25,266	540	59,023	29,844	32,502	91,213	0	112
Defense agencies	380,607	34,056	2,039	50,808	19,257	77,611	170,652	12,480	13,704
Department of Education	6,946	1,504	0	0	0	0	0	5,442	0
Department of Energy	1,775,379	185,602	0	1,213,496	147,590	89,955	137,424	0	1,312
Dept of Health & Human Svcs, total	5,883,499	5,316,099	94,233	140,820	0	14,059	67,410	24,176	226,702
Health Resources & Svcs Admin	1,274	1,274	0	0	0	0	0	0	0
National Institutes of Health 1/	5,882,225	5,314,825	94,233	140,820	0	14,059	67,410	24,176	226,702
Department of the Interior, total	229,346	6,400	0	5,132	174,681	1,731	41,102	300	0
Bureau of Land Management	637	0	0	0	637	0	0	0	0
Bureau of Mines	45,551	0	0	0	4,449	0	41,102	0	0
Geological Survey	176,958	200	0	5,132	169,595	1,731	0	300	0
US Fish & Wildlife Service	6,200	6,200	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-38. Federal obligations for basic research, by agency and field of science and engineering: fiscal year 1992

[Dollars in thousands]

Page 2 of 2

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Department of Justice, total	5,329	288	471	0	0	300	0	2,575	1,695
Office of Justice Programs	5,329	288	471	0	0	300	0	2,575	1,695
Department of Labor, total	224	0	0	0	0	0	0	224	0
Employment & Training Admin	200	0	0	0	0	0	0	200	0
Pension Benefit Guaranty Corp	24	0	0	0	0	0	0	24	0
Department of State	4,869	0	0	0	0	0	0	4,869	0
Department of Transportation, total	1,170	0	0	0	0	0	1,170	0	0
Federal Highway Administration	1,170	0	0	0	0	0	1,170	0	0
Department of the Treasury, total	3,576	0	0	0	0	2,281	0	1,295	0
Internal Revenue Service 2/	3,576	0	0	0	0	2,281	0	1,295	0
Department of Veterans Affairs	15,700	15,333	367	0	0	0	0	0	0
Other agencies:									
Agency for International Dvlpmt	5,805	5,029	0	0	0	0	0	597	179
Environmental Protection Agency	110,400	43,600	215	19,958	16,632	4,935	25,060	0	0
Library of Congress	354	0	0	0	0	0	0	0	354
National Aeronautics & Space Admin	1,738,171	37,176	3,904	908,332	382,707	26,415	364,213	39	15,385
National Archives & Records Admin	495	0	0	495	0	0	0	0	0
National Science Foundation	1,741,472	282,897	10,177	427,911	409,254	191,290	167,387	45,531	207,025
Smithsonian Institution	97,999	33,713	0	27,535	6,770	0	0	29,981	0
Tennessee Valley Authority	2,145	1,774	0	93	0	0	0	0	278

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

2/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-38. Federal obligations for basic research, by agency and field of science and engineering: fiscal year 1992

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Total, all agencies	12,489,864	5,841,708	122,551	2,951,429	1,303,634	481,425	1,249,819	139,861	399,437
Departments:									
Department of Agriculture, total	595,153	497,830	99	42,551	4,565	3,349	21,627	24,599	533
Agricultural Research Service	326,090	292,855	0	28,069	1,784	920	2,452	10	0
Cooperative State Research Svc	189,581	156,661	0	9,719	1,320	0	8,322	13,559	0
Economic Research Service	8,242	0	0	0	0	0	0	8,242	0
Forest Service	68,900	47,155	99	4,763	1,461	1,248	10,853	2,788	533
Nat'l Agricultural Statistics Svc	1,181	0	0	0	0	1,181	0	0	0
Office of International Cooperation & Development	1,159	1,159	0	0	0	0	0	0	0
Department of Commerce, total	34,517	0	179	25,669	126	1,598	6,945	0	0
Bureau of the Census	943	0	179	0	0	764	0	0	0
National Institute of Standards & Technology	33,574	0	0	25,669	126	834	6,945	0	0
Department of Defense, total	1,098,945	140,130	26,115	199,600	174,697	148,986	393,093	3,205	13,119
Department of the Army	204,902	53,577	6,890	38,423	12,222	23,916	69,609	0	265
Department of the Navy	393,814	31,472	16,069	78,200	110,565	38,471	110,769	0	8,268
Department of the Air Force	205,800	22,206	698	55,643	17,459	28,757	80,935	0	102
Defense agencies	294,429	32,875	2,458	27,334	34,451	57,842	131,780	3,205	4,484
Department of Education	7,513	1,649	0	0	0	0	0	5,864	0
Department of Energy	1,736,404	169,376	0	1,172,771	132,083	88,310	172,481	0	1,383
Dept of Health & Human Svcs, total	5,058,703	4,606,313	81,024	121,061	0	12,099	57,938	20,782	159,486
Health Resources & Svcs Admin	1,295	1,295	0	0	0	0	0	0	0
National Institutes of Health 1/	5,057,408	4,605,018	81,024	121,061	0	12,099	57,938	20,782	159,486
Department of the Interior, total	230,920	6,600	0	5,453	176,800	1,862	39,905	300	0
Bureau of Land Management	637	0	0	0	637	0	0	0	0
Bureau of Mines	43,746	0	0	0	3,841	0	39,905	0	0
Geological Survey	180,137	200	0	5,453	172,322	1,862	0	300	0
US Fish & Wildlife Service	6,400	6,400	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

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Table C-37. Federal obligations for basic research, by detailed field of science and engineering: fiscal years 1992, 1993, and 1994

[Dollars in thousands]

Page 1 of 1

Field of science and engineering	1992	Estimates	
		1993	1994
Total, all fields	12,489,864	13,897,355	14,346,088
Life sciences, total	5,841,708	6,601,691	6,883,611
Biological (excluding environmental)	2,981,840	3,383,682	3,518,405
Environmental biology	201,597	205,119	214,872
Agricultural	334,175	337,718	353,324
Medical	2,131,031	2,453,391	2,527,601
Life sciences, n.e.c	193,065	221,781	269,409
Psychology, total	122,551	135,697	141,069
Biological aspects	14,386	15,477	16,281
Social aspects	16,892	15,826	17,467
Psychological sciences, n.e.c.	91,273	104,394	107,321
Physical sciences, total	2,951,429	3,226,750	3,270,855
Astronomy	729,687	806,426	822,983
Chemistry	556,614	638,112	664,447
Physics	1,607,500	1,715,283	1,715,397
Physical sciences, n.e.c.	57,628	66,929	68,028
Environmental sciences, total	1,303,634	1,391,574	1,450,509
Atmospheric	435,242	478,767	505,165
Geological	526,465	538,896	584,136
Oceanography	209,981	242,414	229,938
Environmental sciences, n.e.c.	131,946	131,497	131,270
Mathematics & computer sciences, total	481,425	545,373	599,301
Mathematics	228,180	243,521	272,674
Computer sciences	247,731	292,750	316,592
Mathematics & computer sciences, n.e.c.	5,514	9,102	10,035
Engineering, total	1,249,819	1,407,844	1,437,954
Aeronautical	245,072	299,566	288,838
Astronautical	94,408	105,714	99,288
Chemical	104,955	118,756	113,593
Civil	53,376	58,557	66,913
Electrical	165,379	206,011	217,151
Mechanical	113,857	137,851	156,615
Metallurgy & materials	273,582	296,799	338,667
Engineering, n.e.c.	199,190	184,590	156,889
Social sciences, total	139,861	154,663	151,454
Anthropology	11,044	11,980	12,762
Economics	39,299	37,782	39,227
Political science	6,434	6,868	7,221
Sociology	10,202	11,425	11,241
Social sciences, n.e.c.	72,882	86,608	81,003
Other sciences, n.e.c.	399,437	433,763	411,335

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993 and 1994

Table C-36. Estimated Federal obligations for basic research, by agency and performer: fiscal year 1994

[Dollars in thousands]

Page 2 of 2

Agency and subdivision	Total	Intramural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Department of Justice, total	3,397	700	200	0	950	0	1,062	0	485	0
Office of Justice Programs	3,397	700	200	0	950	0	1,062	0	485	0
Department of Labor, total	230	44	106	0	0	0	80	0	0	0
Employment & Training Admin	100	20	0	0	0	0	80	0	0	0
Pension Benefit Guaranty Corp	130	24	106	0	0	0	0	0	0	0
Department of State	4,875	91	0	0	0	0	4,784	0	0	0
Department of Transportation, total	2,340	1	0	0	0	0	2,339	0	0	0
Federal Highway Administration	2,340	1	0	0	0	0	2,339	0	0	0
Department of the Treasury, total	14,312	9,565	0	0	0	0	0	4,747	0	0
Internal Revenue Service 3/	14,312	9,565	0	0	0	0	0	4,747	0	0
Department of Veterans Affairs	11,900	11,900	0	0	0	0	0	0	0	0
Other agencies:										
Agency for International Dvlpmt	5,711	1	3,000	0	1,190	0	1,520	0	0	0
Environmental Protection Agency	180,000	19,500	78,700	0	81,400	400	0	0	0	0
Library of Congress	501	501	0	0	0	0	0	0	0	0
National Aeronautics & Space Admin	1,991,324	565,181	580,170	0	514,716	253,854	68,000	1,180	1,149	7,074
National Archives & Records Admin	150	150	0	0	0	0	0	0	0	0
National Science Foundation	2,047,491	15,786	33,931	400	1,702,562	129,788	157,844	192	2,531	4,457
Smithsonian Institution	100,900	100,900	0	0	0	0	0	0	0	0
Tennessee Valley Authority	2,080	2,080	0	0	0	0	0	0	0	0

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

3/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-36. Estimated Federal obligations for basic research, by agency and performer: fiscal year 1994

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Total	Intramural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Total, all agencies	14,346,088	2,812,006	1,112,964	184,403	7,352,182	1,357,602	1,329,694	82,522	52,264	62,451
Departments:										
Department of Agriculture, total	630,980	405,823	3,878	0	214,396	0	3,883	0	1,049	1,951
Agricultural Research Service	334,803	318,743	0	0	12,064	0	2,021	0	105	1,870
Cooperative State Research Svc	204,883	10,481	3,552	0	188,782	0	1,453	0	615	0
Economic Research Service	7,205	7,093	0	0	112	0	0	0	0	0
Forest Service	81,700	67,157	326	0	13,398	0	409	0	329	81
Nat'l Agricultural Statistics Svc	1,206	1,206	0	0	0	0	0	0	0	0
Office of International Cooperation & Development	1,183	1,143	0	0	40	0	0	0	0	0
Department of Commerce, total	40,437	37,277	402	0	2,407	151	200	0	0	0
Bureau of the Census	330	330	0	0	0	0	0	0	0	0
National Institute of Standards & Technology	40,107	36,947	402	0	2,407	151	200	0	0	0
Department of Defense, total	1,236,749	346,601	123,452	100	723,010	8,593	23,247	150	0	11,596
Department of the Army	210,415	106,749	26,421	100	65,829	4,412	3,549	0	0	3,355
Department of the Navy	433,000	140,744	24,928	0	245,056	1,624	14,857	150	0	5,641
Department of the Air Force	246,000	65,595	47,016	0	127,721	75	3,356	0	0	2,237
Defense agencies	347,334	33,513	25,087	0	284,404	2,482	1,485	0	0	363
Department of Education	11,057	752	2,518	0	6,287	0	990	0	510	0
Department of Energy	1,781,782	36,288	62,655	173,058	384,956	945,720	111,735	66,351	189	830
Dept of Health & Human Svcs, total	6,066,460	1,069,707	215,484	10,845	3,707,622	19,096	953,410	9,902	43,851	36,543
Health Resources & Svcs Admin	1,246	1,246	0	0	0	0	0	0	0	0
National Institutes of Health 2/	6,065,214	1,068,461	215,484	10,845	3,707,622	19,096	953,410	9,902	43,851	36,543
Department of the Interior, total	213,412	189,158	8,468	0	12,686	0	600	0	2,500	0
Bureau of Land Management	637	50	0	0	587	0	0	0	0	0
Bureau of Mines	29,037	21,035	7,668	0	334	0	0	0	0	0
Geological Survey	176,138	164,121	800	0	8,117	0	600	0	2,500	0
US Fish & Wildlife Service	7,600	3,952	0	0	3,648	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-35. Estimated Federal obligations for basic research, by agency and performer: fiscal year 1993

[Dollars in thousands]

Agency and subdivision	Total	Intramural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Department of Justice, total	3,673	620	150	0	700	0	2,003	0	200	0
Office of Justice Programs	3,673	620	150	0	700	0	2,003	0	200	0
Department of Labor, total	220	40	100	0	0	0	80	0	0	0
Employment & Training Admin	100	20	0	0	0	0	80	0	0	0
Pension Benefit Guaranty Corp	120	20	100	0	0	0	0	0	0	0
Department of State	4,872	88	0	0	0	0	4,784	0	0	0
Department of Transportation, total	3,510	1	0	0	0	0	3,509	0	0	0
Federal Highway Administration	3,510	1	0	0	0	0	3,509	0	0	0
Department of the Treasury, total	5,825	3,893	0	0	0	0	0	1,932	0	0
Internal Revenue Service 3/	5,825	3,893	0	0	0	0	0	1,932	0	0
Department of Veterans Affairs	14,200	14,200	0	0	0	0	0	0	0	0
Other agencies:										
Agency for International Dvlpmt	6,652	1	3,249	0	1,115	0	2,287	0	0	0
Environmental Protection Agency	114,400	12,200	50,700	0	51,300	200	0	0	0	0
Library of Congress	489	489	0	0	0	0	0	0	0	0
National Aeronautics & Space Admin	1,952,333	535,714	549,921	0	498,245	290,702	67,609	1,260	1,203	7,679
National Archives & Records Admin	150	150	0	0	0	0	0	0	0	0
National Science Foundation	1,921,436	15,184	38,627	390	1,584,523	128,071	147,960	184	2,439	4,058
Smithsonian Institution	99,999	99,999	0	0	0	0	0	0	0	0
Tennessee Valley Authority	2,063	2,016	0	0	47	0	0	0	0	0

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

3/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-35. Estimated Federal obligations for basic research, by agency and performer: fiscal year 1993

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Total, all agencies	13,897,355	2,677,078	1,061,539	187,217	7,115,950	1,398,824	1,276,919	70,659	48,256	60,913
Departments:										
Department of Agriculture, total	596,854	388,128	3,618	0	198,431	0	3,786	0	974	1,917
Agricultural Research Service	325,630	309,638	0	0	12,064	0	1,979	0	103	1,846
Cooperative State Research Svc	189,734	9,772	3,334	0	174,588	0	1,453	0	587	0
Economic Research Service	8,250	8,138	0	0	112	0	0	0	0	0
Forest Service	70,900	58,280	284	0	11,627	0	354	0	284	71
Nat'l Agricultural Statistics Svc	1,181	1,181	0	0	0	0	0	0	0	0
Office of International Cooperation & Development	1,159	1,119	0	0	40	0	0	0	0	0
Department of Commerce, total	37,147	34,217	256	0	2,323	151	200	0	0	0
Bureau of the Census	322	322	0	0	0	0	0	0	0	0
National Institute of Standards & Technology	36,825	33,895	256	0	2,323	151	200	0	0	0
Department of Defense, total	1,238,362	326,242	123,261	380	738,653	14,441	21,699	2,148	0	11,538
Department of the Army	213,255	123,115	16,724	80	63,185	4,524	2,784	0	0	2,843
Department of the Navy	406,000	129,973	25,036	50	228,453	1,979	14,826	150	0	5,533
Department of the Air Force	238,500	64,957	48,904	0	120,607	74	987	0	0	2,971
Defense agencies	380,607	8,197	32,597	250	326,408	7,864	3,102	1,998	0	191
Department of Education	6,946	413	0	0	4,906	0	1,464	0	163	0
Department of Energy	1,775,379	37,622	79,729	175,692	359,778	947,183	118,251	55,762	287	1,075
Dept of Health & Human Svcs, total	5,883,499	1,012,643	203,970	10,265	3,650,609	18,076	902,465	9,373	41,508	34,590
Health Resources & Svcs Admin	1,274	1,274	0	0	0	0	0	0	0	0
National Institutes of Health 2/	5,882,225	1,011,369	203,970	10,265	3,650,609	18,076	902,465	9,373	41,508	34,590
Department of the Interior, total	229,346	193,218	7,958	490	25,320	0	822	0	1,482	56
Bureau of Land Management	637	50	0	0	587	0	0	0	0	0
Bureau of Mines	45,551	26,103	7,357	490	11,601	0	0	0	0	0
Geological Survey	176,958	163,916	601	0	10,081	0	822	0	1,482	56
US Fish & Wildlife Service	6,200	3,149	0	0	3,051	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-34. Federal obligations for basic research, by agency and performer: fiscal year 1992

[Dollars in thousands]

Page 2 of 2

Agency and subdivision	Total	Intramural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Department of Justice, total	5,329	1,534	487	0	2,153	0	856	0	249	0
Office of Justice Programs	5,329	1,584	487	0	2,153	0	856	0	249	0
Department of Labor, total	224	49	0	0	0	0	175	0	0	0
Employment & Training Admin	200	25	0	0	0	0	175	0	0	0
Pension Benefit Guaranty Corp	24	24	0	0	0	0	0	0	0	0
Department of State	4,869	85	0	0	0	0	4,784	0	0	0
Department of Transportation, total	1,170	1	0	0	0	0	1,169	0	0	0
Federal Highway Administration	1,170	1	0	0	0	0	1,169	0	0	0
Department of the Treasury, total	3,576	2,390	1,186	0	0	0	0	0	0	0
Internal Revenue Service 3/	3,576	2,390	1,186	0	0	0	0	0	0	0
Department of Veterans Affairs	15,700	15,700	0	0	0	0	0	0	0	0
Other agencies:										
Agency for International Dvlpmt	5,805	1	2,600	0	1,353	0	1,737	0	0	114
Environmental Protection Agency	110,400	11,340	37,689	0	61,182	189	0	0	0	0
Library of Congress	354	354	0	0	0	0	0	0	0	0
National Aeronautics & Space Admin	1,738,171	455,148	476,767	0	402,370	333,519	60,192	1,269	1,148	7,758
National Archives & Records Admin	495	495	0	0	0	0	0	0	0	0
National Science Foundation	1,741,472	10,302	30,017	391	1,436,153	123,901	134,314	331	2,290	3,773
Smithsonian Institution	97,999	97,999	0	0	0	0	0	0	0	0
Tennessee Valley Authority	2,145	2,076	0	0	69	0	0	0	0	0

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

3/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-34. Federal obligations for basic research, by agency and performer: fiscal year 1992

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other nonprofit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Total, all agencies	12,489,864	2,397,031	920,349	187,794	6,331,777	1,394,148	1,097,168	65,473	42,370	53,754
Departments:										
Department of Agriculture, total	595,153	386,065	3,178	0	198,547	0	3,791	0	970	2,602
Agricultural Research Service	326,090	309,515	0	0	11,954	0	1,982	0	103	2,536
Cooperative State Research Svc	189,581	9,763	2,876	0	174,907	0	1,453	0	582	0
Economic Research Service	8,242	7,931	0	0	311	0	0	0	0	0
Forest Service	68,900	56,613	302	0	11,278	0	356	0	285	66
Nat'l Agricultural Statistics Svc	1,181	1,181	0	0	0	0	0	0	0	0
Office of International Cooperation & Development	1,159	1,062	0	0	97	0	0	0	0	0
Department of Commerce, total	34,517	30,930	256	0	2,980	151	200	0	0	0
Bureau of the Census	943	286	0	0	657	0	0	0	0	0
National Institute of Standards & Technology	33,574	30,644	256	0	2,323	151	200	0	0	0
Department of Defense, total	1,098,945	302,525	146,872	544	598,972	10,963	28,410	964	3	9,692
Department of the Army	204,902	113,135	17,370	74	62,316	4,490	4,472	0	3	3,042
Department of the Navy	393,814	129,057	23,873	200	219,746	2,985	12,696	150	0	5,107
Department of the Air Force	205,800	54,964	38,422	87	101,147	87	9,550	0	0	1,543
Defense agencies	294,429	5,369	67,207	183	215,763	3,401	1,692	814	0	0
Department of Education	7,513	457	0	0	5,255	0	1,653	0	148	0
Department of Energy	1,736,404	35,592	48,440	176,956	404,740	910,242	104,093	55,039	258	1,044
Dept of Health & Human Svcs, total	5,058,703	847,819	170,696	8,620	3,189,599	15,183	755,390	7,870	34,823	28,703
Health Resources & Svcs Admin	1,295	1,295	0	0	0	0	0	0	0	0
National Institutes of Health 2/	5,057,408	846,524	170,696	8,620	3,189,599	15,183	755,390	7,870	34,823	28,703
Department of the Interior, total	230,920	196,119	2,161	1,283	28,404	0	404	0	2,481	68
Bureau of Land Management	637	50	0	0	587	0	0	0	0	0
Bureau of Mines	43,746	29,424	1,899	1,283	11,140	0	0	0	0	0
Geological Survey	180,137	163,296	262	0	13,626	0	404	0	2,481	68
US Fish & Wildlife Service	6,400	3,349	0	0	3,051	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-33. Estimated Federal obligations for research in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

Page 2 of 2

Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Department of Justice, total	800	500	300	0	11,785	225	350	700	3,122	7,388
Bureau of Prisons 5/	0	0	0	0	2,000	100	100	0	1,600	200
Office of Justice Programs	800	500	300	0	9,785	125	250	700	1,522	7,188
Department of Labor, total	0	0	0	0	20,713	0	20,213	0	0	500
Bureau of Labor Statistics	0	0	0	0	7,000	0	7,000	0	0	0
Employment & Training Admin	0	0	0	0	3,349	0	3,349	0	0	0
Occupational Safety & Health Administration	0	0	0	0	3,765	0	3,765	0	0	0
Office of the Secretary	0	0	0	0	3,323	0	2,823	0	0	500
Pension Benefit Guaranty Corp	0	0	0	0	696	0	696	0	0	0
Pension & Welfare Benefit Admin	0	0	0	0	2,580	0	2,580	0	0	0
Department of State	0	0	0	0	5,383	392	1,259	2,100	736	896
Department of Transportation, total	30,175	7,277	17,632	5,266	17,863	0	7,962	1,607	0	8,294
Coast Guard	1,536	0	1,536	0	0	0	0	0	0	0
Federal Aviation Administration	8,817	3,857	4,960	0	0	0	0	0	0	0
Federal Highway Administration	14,286	3,420	10,866	0	11,676	0	6,092	1,607	0	3,977
Federal Railroad Administration	0	0	0	0	1,820	0	1,820	0	0	0
National Highway Traffic Safety Administration	5,126	0	0	5,126	4,317	0	0	0	0	4,317
Office of the Secretary	0	0	0	0	50	0	50	0	0	0
Research & Special Programs Administration	410	0	270	140	0	0	0	0	0	0
Department of the Treasury, total	14,312	0	14,312	0	854	0	854	0	0	0
Internal Revenue Service 6/	14,312	0	14,312	0	0	0	0	0	0	0
Office of Thrift Supervision 7/	0	0	0	0	854	0	854	0	0	0
Other agencies:										
Advisory Commission on Intergovernmental Relations	0	0	0	0	1,939	0	969	970	0	0
Agency for International Dvlpmt	3,500	0	3,500	0	26,080	0	10,332	3,106	0	12,642
Appalachian Regional Commission	0	0	0	0	900	0	0	0	0	900
Environmental Protection Agency	13,300	0	13,300	0	1,600	0	1,600	0	0	0
Federal Communications Commission	123	0	123	0	585	0	585	0	0	0
Federal Trade Commission	0	0	0	0	876	0	876	0	0	0
National Aeronautics & Space Admin	141,566	26,151	48,281	67,134	50	0	0	0	0	50
National Science Foundation	273,289	102,454	167,494	3,341	68,288	9,224	21,308	5,738	8,400	23,618
Smithsonian Institution	0	0	0	0	30,409	3,370	0	0	0	27,039
Tennessee Valley Authority	0	0	0	0	630	0	630	0	0	0
US Arms Control & Disarmament Agency	0	0	0	0	1,000	0	0	1,000	0	0
US International Trade Commission	0	0	0	0	14,291	0	14,291	0	0	0

1/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

2/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

3/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

4/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

5/ Formerly listed as Federal Prison System

6/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

7/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-33. Estimated Federal obligations for research in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Total, all agencies	1,468,682	389,288	952,771	126,623	708,623	15,639	216,966	22,343	95,940	357,735
Departments:										
Department of Agriculture, total	17,761	15,161	2,600	0	112,207	31	100,930	0	11,246	0
Agricultural Cooperative Service	0	0	0	0	3,576	0	3,576	0	0	0
Agricultural Research Service	2,796	196	2,600	0	20	0	20	0	0	0
Cooperative State Research Svc	0	0	0	0	45,186	0	36,144	0	9,042	0
Economic Research Service	0	0	0	0	51,461	0	50,084	0	1,377	0
Forest Service	11,300	11,300	0	0	11,964	31	11,106	0	827	0
Nat'l Agricultural Statistics Svc	3,665	3,665	0	0	0	0	0	0	0	0
Department of Commerce, total	56,551	16,813	33,366	6,372	16,129	0	4,900	6,329	4,701	199
Bureau of the Census	2,014	1,783	231	0	715	0	391	324	0	0
Economic Development Admin	0	0	0	0	500	0	500	0	0	0
National Institute of Standards & Technology	39,040	7,890	24,778	6,372	297	0	297	0	0	0
National Oceanic & Atmospheric Administration	15,497	7,140	8,357	0	14,617	0	3,712	6,005	4,701	199
Department of Defense, total	652,737	109,706	532,083	10,948	1,843	362	715	0	476	290
Department of the Army	70,147	12,816	54,045	3,286	1,191	0	715	0	476	0
Department of the Navy	60,660	20,657	36,665	3,338	0	0	0	0	0	0
Department of the Air Force	88,717	52,391	36,326	0	362	362	0	0	0	0
Defense agencies	433,213	23,842	405,047	4,324	290	0	0	0	0	290
Department of Education	2,687	0	0	2,687	115,125	0	0	0	1,924	113,201
Department of Energy	221,706	85,617	106,164	29,925	516	0	516	0	0	0
Dept of Health & Human Svcs, total	25,192	22,294	1,948	950	243,045	0	17,131	793	63,664	161,457
Administration on Aging 1/	0	0	0	0	2,474	0	0	0	0	2,474
Admin for Children & Families 1/ 2/	0	0	0	0	17,419	0	0	0	0	17,419
Agency for Health Care Policy & Research 3/	2,713	1,682	81	950	69,179	0	7,610	0	58,110	3,459
Health Care Financing Admin	0	0	0	0	68,600	0	0	0	0	68,600
National Institutes of Health 4/	22,479	20,612	1,867	0	42,405	0	0	0	0	42,405
Office of the Secretary	0	0	0	0	15,868	0	9,521	793	5,554	0
Social Security Administration	0	0	0	0	27,100	0	0	0	0	27,100
Department of Housing & Urban Dvlpmt	125	0	125	0	12,077	0	11,545	0	171	361
Department of the Interior, total	14,858	3,315	11,543	0	4,435	2,035	0	0	1,500	900
Bureau of Land Management	0	0	0	0	35	35	0	0	0	0
Geological Survey	14,658	3,315	11,343	0	400	0	0	0	0	400
National Park Service	200	0	200	0	4,000	2,000	0	0	1,500	500

See explanatory information, if any, and SOURCE at end of table.

Table C-32. Estimated Federal obligations for research in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

Page 2 of 2

Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Department of Justice, total	600	300	300	0	13,501	350	650	900	4,900	6,701
Bureau of Prisons 5/	0	0	0	0	2,000	100	100	0	1,600	200
Office of Justice Programs	600	300	300	0	11,501	250	550	900	3,300	6,501
Department of Labor, total	0	0	0	0	20,091	0	20,091	0	0	0
Bureau of Labor Statistics	0	0	0	0	6,900	0	6,900	0	0	0
Employment & Training Admin	0	0	0	0	3,349	0	3,349	0	0	0
Occupational Safety & Health Administration	0	0	0	0	3,737	0	3,737	0	0	0
Office of the Secretary	0	0	0	0	2,832	0	2,832	0	0	0
Pension Benefit Guaranty Corp	0	0	0	0	693	0	693	0	0	0
Pension & Welfare Benefit Admin	0	0	0	0	2,580	0	2,580	0	0	0
Department of State	0	0	0	0	5,368	392	1,258	2,099	735	884
Department of Transportation, total	30,460	8,987	15,327	6,146	28,712	0	11,559	2,015	5,058	10,080
Coast Guard	2,169	0	2,169	0	0	0	0	0	0	0
Federal Aviation Administration	7,422	4,773	2,649	0	0	0	0	0	0	0
Federal Highway Administration	14,290	4,214	10,076	0	18,448	0	6,353	2,015	0	10,080
Federal Railroad Administration	0	0	0	0	5,176	0	5,176	0	0	0
National Highway Traffic Safety Administration	6,006	0	0	6,006	5,058	0	0	0	5,058	0
Office of the Secretary	0	0	0	0	30	0	30	0	0	0
Research & Special Programs Administration	573	0	433	140	0	0	0	0	0	0
Department of the Treasury, total	5,825	0	5,825	0	829	0	829	0	0	0
Internal Revenue Service 6/	5,825	0	5,825	0	0	0	0	0	0	0
Office of Thrift Supervision 7/	0	0	0	0	829	0	829	0	0	0
Other agencies:										
Advisory Commission on Intergovernmental Relations	0	0	0	0	2,483	0	1,241	1,242	0	0
Agency for International Dvlpmt	4,550	0	4,550	0	27,519	0	8,345	5,618	435	13,121
Appalachian Regional Commission	0	0	0	0	900	0	0	0	0	900
Environmental Protection Agency	9,000	0	9,000	0	0	0	0	0	0	0
Federal Communications Commission	123	0	123	0	507	0	507	0	0	0
Federal Trade Commission	0	0	0	0	848	0	848	0	0	0
National Aeronautics & Space Admin	90,615	24,347	44,209	22,059	48	0	0	0	0	48
National Science Foundation	247,059	94,927	149,855	2,277	60,419	8,316	19,534	5,234	7,577	19,758
Smithsonian Institution	0	0	0	0	30,137	3,340	0	0	0	26,797
Tennessee Valley Authority	0	0	0	0	568	0	568	0	0	0
US Arms Control & Disarmament Agency	0	0	0	0	1,000	0	0	1,000	0	0
US International Trade Commission	0	0	0	0	12,533	0	12,533	0	0	0

1/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

2/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

3/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

4/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

5/ Formerly listed as Federal Prison System

6/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

7/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-53. Federal obligations for applied research, by agency and performer: fiscal year 1992

[Dollars in thousands]

Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	Foreign
Total, all agencies	12,000,734	4,218,686	2,530,871	404,609	2,728,897	957,629	952,479	74,459	66,906	66,198
Departments:										
Department of Agriculture, total	665,843	412,476	5,204	18	237,563	0	7,543	0	977	2,062
Agricultural Cooperative Service	3,444	3,110	0	0	334	0	0	0	0	0
Agricultural Marketing Service 2/	4,144	3,974	0	0	170	0	0	0	0	0
Agricultural Research Service	257,110	244,042	0	0	9,425	0	1,562	0	81	2,000
Cooperative State Research Svc	228,612	10,963	2,783	0	208,960	0	5,330	0	576	0
Economic Research Service	50,631	48,723	0	0	1,908	0	0	0	0	0
Federal Grain Inspection Service	1,505	1,178	0	0	327	0	0	0	0	0
Forest Service	106,900	89,567	1,187	0	15,113	0	651	0	320	62
Human Nutrition Information Svc	10,703	8,552	1,234	0	917	0	0	0	0	0
Nat'l Agricultural Statistics Svc	2,408	2,270	0	18	120	0	0	0	0	0
Office of International Cooperation & Development	386	97	0	0	289	0	0	0	0	0
Department of Commerce, total	561,392	450,217	26,818	0	72,918	2	3,466	0	7,939	32
Bureau of the Census	2,437	2,437	0	0	0	0	0	0	0	0
Economic Development Admin	500	196	0	0	194	0	110	0	0	0
National Institute of Standards & Technology	115,819	92,307	16,641	0	3,612	2	3,250	0	0	7
National Oceanic & Atmospheric Administration	438,675	351,316	10,177	0	69,112	0	106	0	7,939	25
National Telecommunications & Information Administration	3,961	3,961	0	0	0	0	0	0	0	0
Department of Defense, total	2,974,461	1,207,570	1,292,581	37,091	313,345	59,303	45,316	11,354	154	7,747
Department of the Army	727,837	479,990	171,885	3,547	34,843	16,360	15,162	3,097	0	2,953
Department of the Navy	499,016	274,106	158,005	16,975	43,175	3,843	435	1,640	0	837
Department of the Air Force	584,700	253,775	290,266	383	30,735	689	6,251	1,698	154	749
Defense agencies	1,162,908	199,699	672,425	16,186	204,592	38,411	23,468	4,919	0	3,208
Department of Education	119,459	7,923	6,197	0	82,156	0	22,049	0	1,134	0
Department of Energy	1,676,131	100,448	246,905	312,995	200,493	752,812	24,852	35,605	1,161	860
Dept of Health & Human Svcs, total	2,888,816	715,053	150,692	5,644	1,450,273	5,743	498,517	7,462	38,154	15,278
Administration on Aging 3/	2,459	156	0	0	788	0	1,350	0	165	0
Admin for Children & Families 3/ 4/	34,347	1,114	3,492	0	4,961	0	23,657	0	1,123	0
Agency for Health Care Policy & Research 5/	97,821	17,725	14,318	0	48,537	0	17,101	0	0	140
Centers for Disease Control	146,900	74,659	5,470	0	43,509	0	22,940	0	322	0
Food & Drug Administration	135,700	121,893	0	0	9,300	0	4,279	0	228	0
Health Care Financing Admin	75,491	101	15,638	0	7,240	0	35,769	0	16,628	115
Health Resources & Svcs Admin	8,830	1,666	0	0	5,668	0	1,496	0	0	0
National Institutes of Health 6/	2,341,320	470,303	107,106	5,644	1,327,544	5,743	384,578	7,462	17,917	15,023
Office of the Assistant Secretary for Health	5,971	5,971	0	0	0	0	0	0	0	0
Office of the Secretary	4,977	870	1,085	0	964	0	996	0	1,062	0
Social Security Administration	33,000	20,595	3,583	0	1,762	0	6,351	0	709	0

See explanatory information, if any, and SOURCE at end of table.

Table C-53. Federal obligations for applied research, by agency and performer: fiscal year 1992

[Dollars in thousands]

Page 2 of 3

Agency and subdivision	Total	Intramural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Department of Housing & Urban Dvlpmt	8,807	6,641	984	0	102	0	1,080	0	0	0
Department of the Interior, total	339,675	292,769	13,932	1,732	28,015	0	568	0	1,240	1,419
Bureau of Land Management	5,303	3,403	0	0	1,900	0	0	0	0	0
Bureau of Mines	59,164	46,375	11,139	1,650	0	0	0	0	0	0
Bureau of Reclamation	10,700	10,160	0	0	315	0	225	0	0	0
Geological Survey	164,341	151,731	2,361	0	8,772	0	203	0	1,240	34
Minerals Management Service	3,815	1,698	282	82	343	0	25	0	0	1,385
National Park Service	31,098	19,000	0	0	11,983	0	115	0	0	0
Office of the Secretary	200	50	150	0	0	0	0	0	0	0
Office of Surface Mining Reclamation & Enforcement	254	1	0	0	253	0	0	0	0	0
US Fish & Wildlife Service	64,800	60,351	0	0	4,449	0	0	0	0	0
Department of Justice, total	15,014	2,222	772	0	2,289	0	7,963	0	1,768	0
Bureau of Prisons 7/	2,500	1,975	25	0	0	0	500	0	0	0
Drug Enforcement Administration	100	100	0	0	0	0	0	0	0	0
Immigration & Naturalization Svc	400	40	0	0	0	0	360	0	0	0
Office of Justice Programs	12,014	107	747	0	2,289	0	7,103	0	1,768	0
Department of Labor, total	23,590	12,384	8,877	0	576	0	1,730	0	23	0
Bureau of Labor Statistics	7,600	7,600	0	0	0	0	0	0	0	0
Employment & Training Admin	5,440	1,178	2,515	0	500	0	1,224	0	23	0
Occupational Safety & Health Administration	3,094	1,145	1,949	0	0	0	0	0	0	0
Office of the Secretary	4,118	1,661	1,875	0	76	0	506	0	0	0
Pension Benefit Guaranty Corp	788	150	638	0	0	0	0	0	0	0
Pension & Welfare Benefit Admin	2,550	650	1,900	0	0	0	0	0	0	0
Department of State	685	288	110	0	200	0	87	0	0	0
Department of Transportation, total	155,700	52,228	63,132	2,673	17,054	0	8,686	8,169	3,135	623
Coast Guard	5,014	3,418	896	0	700	0	0	0	0	0
Federal Aviation Administration	30,108	14,046	7,893	0	0	0	0	8,169	0	0
Federal Highway Administration	72,042	10,706	40,763	1,727	12,878	0	4,055	0	1,485	428
Federal Railroad Administration	18,859	9,613	4,905	0	176	0	2,665	0	1,500	0
Maritime Administration	1,751	1,086	565	0	100	0	0	0	0	0
National Highway Traffic Safety Administration	25,774	12,227	7,290	946	3,000	0	1,966	0	150	195
Office of the Secretary	740	123	617	0	0	0	0	0	0	0
Research & Special Programs Administration	1,412	1,009	203	0	200	0	0	0	0	0
Department of the Treasury, total	17,245	12,144	5,016	0	0	85	0	0	0	0
Bureau of Engraving & Printing	1,766	1,681	0	0	0	85	0	0	0	0
Internal Revenue Service 8/	13,945	9,319	4,626	0	0	0	0	0	0	0
Office of Thrift Supervision 9/	815	815	0	0	0	0	0	0	0	0
United States Customs Service	190	100	90	0	0	0	0	0	0	0
United States Secret Service 10/	529	229	300	0	0	0	0	0	0	0
Department of Veterans Affairs	185,200	184,459	0	0	741	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-53. Federal obligations for applied research, by agency and performer: fiscal year 1992

[Dollars in thousands]

Agency and subdivision	Total	Intramural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Other agencies:										
Advisory Commission on Intergovernmental Relations	1,730	1,730	0	0	0	0	0	0	0	0
Agency for International Dvlpmt	294,245	10,285	22,677	0	28,087	0	207,067	0	0	26,129
Appalachian Regional Commission	1,900	35	1,759	0	50	0	0	0	56	0
Consumer Product Safety Commission	788	760	28	0	0	0	0	0	0	0
Environmental Protection Agency	293,900	65,237	84,364	0	74,848	0	59,683	0	9,768	0
Federal Communications Commission	1,648	1,648	0	0	0	0	0	0	0	0
Federal Trade Commission	1,285	1,285	0	0	0	0	0	0	0	0
Library of Congress	1,418	1,418	0	0	0	0	0	0	0	0
National Aeronautics & Space Admin	1,491,134	624,747	577,976	0	109,412	117,709	51,638	49	972	8,631
National Archives & Records Admin	110	110	0	0	0	0	0	0	0	0
National Science Foundation	126,925	608	14,080	43	104,251	392	7,087	7	425	32
Nuclear Regulatory Commission	119,049	22,225	7,449	44,313	5,885	21,533	2,696	11,563	0	3,385
Tennessee Valley Authority	22,246	19,206	0	0	589	0	2,451	0	0	0
US Arms Control & Disarmament Agency	2,058	290	1,318	100	50	50	0	250	0	0
US International Trade Commission	12,280	12,280	0	0	0	0	0	0	0	0

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

4/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

5/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

6/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

7/ Formerly listed as Federal Prison System

8/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

9/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

10/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-54. Estimated Federal obligations for applied research, by agency and performer: fiscal year 1993

[Dollars in thousands]

Page 1 of 3

Agency and subdivision	Total	Intramural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Total, all agencies	13,554,452	4,724,117	3,171,835	460,770	2,959,997	973,551	1,046127	81,036	79,264	57,755
Departments:										
Department of Agriculture, total	666,915	415,968	4,592	20	235,732	0	8,152	0	995	1,456
Agricultural Cooperative Service	3,518	3,018	0	0	500	0	0	0	0	0
Agricultural Marketing Service 2/	4,244	4,244	0	0	0	0	0	0	0	0
Agricultural Research Service	256,747	244,137	0	0	9,512	0	1,561	0	81	1,456
Cooperative State Research Svc	228,908	10,974	3,336	0	208,696	0	5,319	0	583	0
Economic Research Service	50,675	49,987	0	0	688	0	0	0	0	0
Federal Grain Inspection Service	1,191	1,141	0	0	50	0	0	0	0	0
Forest Service	110,300	92,652	1,213	0	15,442	0	662	0	331	0
Human Nutrition Information Svc	8,538	7,321	43	0	564	0	610	0	0	0
Nat'l Agricultural Statistics Svc	2,408	2,228	0	20	160	0	0	0	0	0
Office of International Cooperation & Development	386	266	0	0	120	0	0	0	0	0
Department of Commerce, total	595,829	466,386	56,752	0	63,343	2	3,750	0	5,589	7
Bureau of the Census	2,710	2,710	0	0	0	0	0	0	0	0
National Institute of Standards & Technology	163,322	110,004	47,122	0	2,537	2	3,650	0	0	7
National Oceanic & Atmospheric Administration	425,693	349,568	9,630	0	60,806	0	100	0	5,589	0
National Telecommunications & Information Administration	4,104	4,104	0	0	0	0	0	0	0	0
Department of Defense, total	3,637,381	1,436,809	1,671,401	35,777	341,655	84,262	47,667	10,145	177	7,488
Department of the Army	856,533	552,528	254,222	4,647	29,866	4,568	6,244	1,892	0	2,566
Department of the Navy	632,000	307,215	262,503	1,312	52,989	4,539	584	1,954	0	904
Department of the Air Force	740,000	350,531	344,763	341	35,834	774	6,653	165	177	762
Defense agencies	1,408,848	226,535	809,913	29,477	222,966	74,381	34,186	6,134	0	3,256
Department of Education	122,401	8,143	5,869	0	83,688	0	23,586	0	1,115	0
Department of Energy	1,826,753	150,485	318,311	362,805	171,138	756,513	16,906	48,415	1,206	974
Dept of Health & Human Svcs, total	3,256,999	801,523	156,017	6,757	1,648,235	6,877	572,506	8,929	38,387	17,766
Administration on Aging 3/	2,456	153	0	0	788	0	1,350	0	165	0
Admin for Children & Families 3/ 4/	17,795	462	1,488	0	2,334	0	13,021	0	490	0
Agency for Health Care Policy & Research 5/	105,650	21,854	3,170	0	52,825	0	27,801	0	0	0
Centers for Disease Control	149,500	73,968	5,470	0	45,684	0	24,056	0	322	0
Food & Drug Administration	139,100	125,094	0	0	9,391	0	4,381	0	234	0
Health Care Financing Admin	68,700	831	14,396	0	6,855	0	32,435	0	14,033	150
Health Resources & Svcs Admin	9,275	2,111	0	0	5,668	0	1,496	0	0	0
National Institutes of Health 6/	2,716,376	549,950	127,533	6,757	1,519,590	6,877	457,768	8,929	21,356	17,616
Office of the Secretary	8,047	1,500	1,000	0	4,000	0	1,500	0	47	0
Social Security Administration	40,100	25,600	2,960	0	1,100	0	8,700	0	1,740	0

See explanatory information, if any, and SOURCE at end of table.

Table C-54. Estimated Federal obligations for applied research, by agency and performer: fiscal year 1993

[Dollars in thousands]

Page 2 of 3

Agency and subdivision	Total	Intramural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Department of Housing & Urban Dvlpmt	9,390	6,292	927	0	401	0	1,770	0	0	0
Department of the Interior, total	343,610	295,879	15,921	1,501	27,911	0	391	0	1,285	922
Bureau of Land Management	7,365	4,714	0	0	2,651	0	0	0	0	0
Bureau of Mines	63,282	48,690	13,266	1,326	0	0	0	0	0	0
Bureau of Reclamation	7,300	6,735	0	0	465	0	100	0	0	0
Geological Survey	165,248	153,561	1,905	0	8,386	0	41	0	1,285	50
Minerals Management Service	5,015	1,807	600	175	1,561	0	0	0	0	872
National Park Service	32,000	21,750	0	0	10,000	0	250	0	0	0
Office of the Secretary	200	50	150	0	0	0	0	0	0	0
Office of Surface Mining Reclamation & Enforcement	400	1	0	0	399	0	0	0	0	0
US Fish & Wildlife Service	63,000	58,551	0	0	4,449	0	0	0	0	0
Department of Justice, total	14,768	2,025	600	0	1,970	0	9,273	0	900	0
Bureau of Prisons 7/	2,500	1,960	0	0	40	0	500	0	0	0
Immigration & Naturalization Svc	400	40	0	0	0	0	360	0	0	0
Office of Justice Programs	11,868	25	600	0	1,930	0	8,413	0	900	0
Department of Labor, total	19,871	11,249	7,222	0	550	0	800	0	50	0
Bureau of Labor Statistics	6,900	6,900	0	0	0	0	0	0	0	0
Employment & Training Admin	3,249	597	1,502	0	500	0	600	0	50	0
Occupational Safety & Health Administration	3,737	1,239	2,498	0	0	0	0	0	0	0
Office of the Secretary	2,832	1,733	849	0	50	0	200	0	0	0
Pension Benefit Guaranty Corp	573	100	473	0	0	0	0	0	0	0
Pension & Welfare Benefit Admin	2,580	680	1,900	0	0	0	0	0	0	0
Department of State	496	299	110	0	0	0	87	0	0	0
Department of Transportation, total	330,412	105,643	119,058	12,760	38,088	0	46,736	1,387	6,090	650
Coast Guard	8,854	6,035	2,119	0	700	0	0	0	0	0
Federal Aviation Administration	68,681	57,670	3,880	0	5,744	0	0	1,387	0	0
Federal Highway Administration	186,093	14,015	91,954	12,590	22,744	0	39,915	0	4,425	450
Federal Railroad Administration	25,881	10,449	9,174	0	100	0	4,658	0	1,500	0
Federal Transit Administration 8/	6,000	500	0	0	5,500	0	0	0	0	0
Maritime Administration	1,734	984	650	0	100	0	0	0	0	0
National Highway Traffic Safety Administration	31,611	15,189	10,724	170	3,000	0	2,163	0	165	200
Office of the Secretary	645	138	507	0	0	0	0	0	0	0
Research & Special Programs Administration	913	663	50	0	200	0	0	0	0	0
Department of the Treasury, total	5,145	4,692	320	0	0	133	0	0	0	0
Bureau of Engraving & Printing	3,652	3,519	0	0	0	133	0	0	0	0
Office of Thrift Supervision 9/	829	829	0	0	0	0	0	0	0	0
United States Customs Service	100	100	0	0	0	0	0	0	0	0
United States Secret Service 10/	564	244	320	0	0	0	0	0	0	0
Department of Veterans Affairs	190,200	189,400	0	0	800	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-54. Estimated Federal obligations for applied research, by agency and performer: fiscal year 1993

[Dollars in thousands]

Page 3 of 3

Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Other agencies:										
Advisory Commission on Intergovernmental Relations	2,483	2,483	0	0	0	0	0	0	0	0
Agency for International Dvlpmt	283,169	10,492	18,857	0	23,022	0	213,197	0	0	17,601
Appalachian Regional Commission	900	350	0	0	150	0	0	0	400	0
Consumer Product Safety Commission	850	830	20	0	0	0	0	0	0	0
Environmental Protection Agency	327,400	91,000	123,600	0	62,000	0	29,100	0	21,700	0
Federal Communications Commission	1,838	1,838	0	0	0	0	0	0	0	0
Federal Trade Commission	848	848	0	0	0	0	0	0	0	0
Library of Congress	1,587	1,587	0	0	0	0	0	0	0	0
National Aeronautics & Space Admin	1,605,998	660,320	637,605	0	135,482	107,124	55,615	50	977	8,825
National Archives & Records Admin	140	140	0	0	0	0	0	0	0	0
National Science Foundation	151,181	718	17,394	43	120,589	380	11,630	0	393	34
Nuclear Regulatory Commission	119,678	22,542	16,659	41,007	4,674	18,240	2,489	12,035	0	2,032
Tennessee Valley Authority	23,277	20,243	0	0	544	0	2,490	0	0	0
US Arms Control & Disarmament Agency	1,000	200	600	100	25	0	0	75	0	0
United States Information Agency	1,200	1,200	0	0	0	0	0	0	0	0
US International Trade Commission	12,533	12,533	0	0	0	0	0	0	0	0

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

4/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

5/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

6/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

7/ Formerly listed as Federal Prison System

8/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

9/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

10/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-55. Estimated Federal obligations for applied research, by agency and performer: fiscal year 1994

[Dollars in thousands]

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Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Total, all agencies	13,777,715	4,892,077	3,230,781	411,069	3,050,090	881,779	1,069790	99,319	90,916	51,894
Departments:										
Department of Agriculture, total	668,822	429,378	8,423	20	225,063	0	3,376	0	1,087	1,475
Agricultural Cooperative Service	3,576	3,576	0	0	0	0	0	0	0	0
Agricultural Marketing Service 2/	4,272	4,272	0	0	0	0	0	0	0	0
Agricultural Research Service	261,053	248,389	0	0	9,512	0	1,594	0	83	1,475
Cooperative State Research Svc	211,569	10,450	3,082	0	196,395	0	1,019	0	623	0
Economic Research Service	44,256	43,568	0	0	688	0	0	0	0	0
Federal Grain Inspection Service	1,000	1,000	0	0	0	0	0	0	0	0
Forest Service	127,100	106,764	1,398	0	17,794	0	763	0	381	0
Human Nutrition Information Svc	13,142	8,805	3,943	0	394	0	0	0	0	0
Nat'l Agricultural Statistics Svc	2,459	2,279	0	20	160	0	0	0	0	0
Office of International Cooperation & Development	395	275	0	0	120	0	0	0	0	0
Department of Commerce, total	702,778	529,511	80,901	0	83,858	2	3,615	0	4,884	7
Bureau of the Census	2,771	2,771	0	0	0	0	0	0	0	0
Economic Development Admin	500	196	0	0	194	0	110	0	0	0
National Institute of Standards & Technology	225,429	145,813	72,014	0	4,188	2	3,405	0	0	7
National Oceanic & Atmospheric Administration	468,853	375,506	8,887	0	79,476	0	100	0	4,884	0
National Telecommunications & Information Administration	5,225	5,225	0	0	0	0	0	0	0	0
Department of Defense, total	3,179,155	1,168,229	1,486,045	12,700	367,476	90,274	41,608	7,336	146	5,341
Department of the Army	631,358	407,333	180,676	801	29,354	2,578	5,515	1,934	0	3,167
Department of the Navy	536,000	233,390	250,197	1,060	44,106	3,605	472	2,439	0	731
Department of the Air Force	766,400	339,329	386,261	284	33,767	647	5,107	138	146	721
Defense agencies	1,245,397	188,177	668,911	10,555	260,249	83,444	30,514	2,825	0	722
Department of Education	131,530	7,801	7,057	0	90,271	0	25,286	0	1,115	0
Department of Energy	1,731,424	185,673	280,000	336,658	175,813	667,403	17,489	66,031	1,313	1,044
Dept of Health & Human Svcs, total	3,417,884	872,747	166,872	6,757	1,693,042	7,226	598,572	9,380	44,631	18,657
Administration on Aging 3/	2,474	171	0	0	788	0	1,350	0	165	0
Admin for Children & Families 3/ 4/	17,419	452	1,457	0	2,285	0	12,745	0	480	0
Agency for Health Care Policy & Research 5/	135,645	30,342	2,079	0	67,823	0	35,401	0	0	0
Centers for Disease Control	183,053	104,034	5,470	0	47,968	0	25,259	0	322	0
Food & Drug Administration	151,200	135,795	0	0	10,378	0	4,772	0	255	0
Health Care Financing Admin	68,600	750	17,452	0	9,810	0	22,850	0	17,588	150
Health Resources & Svcs Admin	9,646	2,482	0	0	5,668	0	1,496	0	0	0
National Institutes of Health 6/	2,800,879	578,321	133,989	6,757	1,543,322	7,226	480,940	9,380	22,437	18,507
Office of the Assistant Secretary for Health	6,000	6,000	0	0	0	0	0	0	0	0
Office of the Secretary	15,868	3,000	2,500	0	4,000	0	4,868	0	1,500	0
Social Security Administration	27,100	11,400	3,925	0	1,000	0	8,891	0	1,884	0

See explanatory information, if any, and SOURCE at end of table.

Table C-55. Estimated Federal obligations for applied research, by agency and performer: fiscal year 1994

[Dollars in thousands]

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Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other non-profit institutions	FFRDCs admin by non-profit institutions	State and local govts	
Department of Housing & Urban Dvlpmt	12,776	9,931	2,371	0	273	0	201	0	0	0
Department of the Interior, total	331,561	295,455	16,569	125	17,287	300	300	100	500	925
Bureau of Land Management	5,826	3,729	0	0	2,097	0	0	0	0	0
Bureau of Mines	55,469	41,642	13,827	0	0	0	0	0	0	0
Bureau of Reclamation	6,600	6,200	0	0	0	300	0	100	0	0
Geological Survey	173,742	164,553	1,742	0	6,647	0	300	0	500	0
Minerals Management Service	5,024	1,833	850	125	1,291	0	0	0	0	925
National Park Service	7,700	5,200	0	0	2,500	0	0	0	0	0
Office of the Secretary	200	50	150	0	0	0	0	0	0	0
US Fish & Wildlife Service	77,000	72,248	0	0	4,752	0	0	0	0	0
Department of Justice, total	14,028	2,290	550	0	1,755	0	8,833	0	600	0
Bureau of Prisons 7/	2,500	2,000	0	0	0	0	500	0	0	0
Immigration & Naturalization Svc	400	40	0	0	0	0	360	0	0	0
Office of Justice Programs	11,128	250	550	0	1,755	0	7,973	0	600	0
Department of Labor, total	20,483	12,069	7,044	0	550	0	770	0	50	0
Bureau of Labor Statistics	7,000	7,000	0	0	0	0	0	0	0	0
Employment & Training Admin	3,249	597	1,502	0	500	0	600	0	50	0
Occupational Safety & Health Administration	3,765	1,267	2,498	0	0	0	0	0	0	0
Office of the Secretary	3,323	2,215	888	0	50	0	170	0	0	0
Pension Benefit Guaranty Corp	566	310	256	0	0	0	0	0	0	0
Pension & Welfare Benefit Admin	2,580	680	1,900	0	0	0	0	0	0	0
Department of State	508	311	110	0	0	0	87	0	0	0
Department of Transportation, total	278,897	82,988	124,411	10,612	27,488	0	26,108	2,278	4,262	750
Coast Guard	6,147	4,190	1,457	0	500	0	0	0	0	0
Federal Aviation Administration	75,146	47,569	24,494	0	805	0	0	2,278	0	0
Federal Highway Administration	147,364	9,715	83,978	10,437	17,483	0	21,229	0	4,022	500
Federal Railroad Administration	13,999	6,653	4,726	0	100	0	2,520	0	0	0
Federal Transit Administration 8/	6,000	500	0	0	5,500	0	0	0	0	0
Maritime Administration	1,741	941	700	0	100	0	0	0	0	0
National Highway Traffic Safety Administration	26,978	12,739	8,215	175	3,000	0	2,359	0	240	250
Office of the Secretary	772	137	635	0	0	0	0	0	0	0
Research & Special Programs Administration	750	544	206	0	0	0	0	0	0	0
Department of the Treasury, total	7,146	6,159	820	0	0	167	0	0	0	0
Bureau of Engraving & Printing	5,025	4,858	0	0	0	167	0	0	0	0
Office of Thrift Supervision 9/	854	854	0	0	0	0	0	0	0	0
United States Customs Service	650	150	500	0	0	0	0	0	0	0
United States Secret Service 10/	617	297	320	0	0	0	0	0	0	0
Department of Veterans Affairs	161,800	161,000	0	0	800	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-55. Estimated Federal obligations for applied research, by agency and performer: fiscal year 1994

[Dollars in thousands]

Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Other agencies:										
Advisory Commission on Intergovernmental Relations	1,939	1,939	0	0	0	0	0	0	0	0
Agency for International Dvlpmt	277,152	8,603	16,144	0	20,537	0	220,774	0	0	11,094
Appalachian Regional Commission	900	100	600	0	50	0	0	0	150	0
Consumer Product Safety Commission	147	135	12	0	0	0	0	0	0	0
Environmental Protection Agency	396,900	107,400	148,300	0	76,100	0	34,500	0	30,600	0
Federal Communications Commission	1,745	1,745	0	0	0	0	0	0	0	0
Federal Trade Commission	876	876	0	0	0	0	0	0	0	0
Library of Congress	1,605	1,605	0	0	0	0	0	0	0	0
National Aeronautics & Space Admin	2,104,741	945,675	843,142	0	139,961	93,325	71,270	56	1,182	10,130
National Archives & Records Admin	130	130	0	0	0	0	0	0	0	0
National Science Foundation	169,476	792	29,754	54	125,502	477	12,465	0	396	36
Nuclear Regulatory Commission	122,094	22,117	11,056	44,043	3,739	22,605	2,036	14,063	0	2,435
Tennessee Valley Authority	25,271	22,271	0	0	500	0	2,500	0	0	0
US Arms Control & Disarmament Agency	1,000	200	600	100	25	0	0	75	0	0
United States Information Agency	656	656	0	0	0	0	0	0	0	0
US International Trade Commission	14,291	14,291	0	0	0	0	0	0	0	0

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

4/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

5/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

6/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

7/ Formerly listed as Federal Prison System

8/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

9/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

10/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-56. Federal obligations for applied research, by detailed field of science and engineering: fiscal years 1992, 1993, and 1994

[Dollars in thousands]

Page 1 of 1

Field of science and engineering	1992	Estimates	
		1993	1994
Total, all fields	12,000,734	13,554,452	13,777,715
Life sciences, total	4,068,773	4,348,396	4,489,198
Biological (excluding environmental)	1,398,412	1,555,896	1,630,477
Environmental biology	309,390	332,218	311,610
Agricultural	408,172	393,693	413,039
Medical	1,778,903	1,884,832	1,951,172
Life sciences, n.e.c	173,896	181,759	182,900
Psychology, total	175,578	218,490	205,332
Biological aspects	20,337	23,092	18,985
Social aspects	84,126	112,049	97,845
Psychological sciences, n.e.c.	71,115	83,349	88,502
Physical sciences, total	1,487,733	1,688,714	1,561,612
Astronomy	9,370	10,179	12,078
Chemistry	339,565	384,792	387,592
Physics	970,694	1,089,853	987,808
Physical sciences, n.e.c.	168,104	203,890	174,134
Environmental sciences, total	903,982	1,020,344	1,091,546
Atmospheric	332,034	368,007	402,414
Geological	209,206	235,742	238,072
Oceanography	248,927	261,308	291,486
Environmental sciences, n.e.c.	113,815	155,287	159,574
Mathematics & computer sciences, total	678,869	817,649	869,381
Mathematics	90,486	115,103	116,614
Computer sciences	524,046	604,046	636,179
Mathematics & computer sciences, n.e.c.	64,337	98,500	116,588
Engineering, total	3,727,148	4,432,092	4,567,537
Aeronautical	629,520	802,641	1,007,064
Astronautical	536,000	490,364	574,834
Chemical	192,523	235,574	250,020
Civil	276,864	382,597	378,086
Electrical	593,628	734,732	647,751
Mechanical	223,389	392,446	259,470
Metallurgy & materials	453,624	417,014	503,525
Engineering, n.e.c.	821,800	976,724	946,787
Social sciences, total	549,838	549,683	557,169
Anthropology	3,053	2,938	2,877
Economics	172,261	172,579	177,739
Political science	16,122	12,481	15,122
Sociology	70,486	77,518	84,699
Social sciences, n.e.c.	287,916	284,167	276,732
Other sciences, n.e.c.	408,813	479,082	435,940

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993 and 1994

Table C-57. Federal obligations for applied research, by agency and field of science and engineering: fiscal year 1992

[Dollars in thousands]

Page 1 of 3

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Total, all agencies	12,000,734	4,068,773	175,578	1,487,733	903,982	678,869	3,727,148	549,838	408,813
Departments:									
Department of Agriculture, total	665,843	458,843	343	44,212	7,589	12,444	43,647	97,000	1,965
Agricultural Cooperative Service	3,444	0	0	0	0	0	0	3,444	0
Agricultural Marketing Service 1/	4,144	4,144	0	0	0	0	0	0	0
Agricultural Research Service	257,110	222,858	0	25,630	1,749	1,778	5,087	10	0
Cooperative State Research Svc	228,612	156,533	0	14,933	2,182	0	19,331	35,633	0
Economic Research Service	50,631	0	0	0	0	0	0	50,631	0
Federal Grain Inspection Service	1,505	1,505	0	0	0	0	0	0	0
Forest Service	106,900	62,514	343	3,649	3,658	8,260	19,229	7,282	1,965
Human Nutrition Information Svc	10,703	10,703	0	0	0	0	0	0	0
Nat'l Agricultural Statistics Svc	2,408	0	0	0	0	2,408	0	0	0
Office of International Cooperation & Development	386	386	0	0	0	0	0	0	0
Department of Commerce, total	561,392	97,883	217	49,432	252,525	33,792	77,500	16,165	33,878
Bureau of the Census	2,437	0	212	0	0	1,537	0	628	60
Economic Development Admin	500	0	0	0	0	0	0	500	0
National Institute of Standards & Technology	115,819	0	0	32,357	238	16,729	66,270	225	0
National Oceanic & Atmospheric Administration	438,675	97,883	5	17,075	252,287	15,526	7,269	14,812	33,818
National Telecommunications & Information Administration	3,961	0	0	0	0	0	3,961	0	0
Department of Defense, total	2,974,461	201,894	86,319	426,542	84,987	387,997	1,639,579	2,132	145,011
Department of the Army	727,837	120,152	29,229	79,810	33,385	82,178	362,708	1,921	18,454
Department of the Navy	499,016	14,571	14,721	132,689	17,265	17,167	298,364	0	4,239
Department of the Air Force	584,700	24,013	26,182	118,720	3,256	45,666	359,246	211	7,406
Defense agencies	1,162,908	43,158	16,187	95,323	31,081	242,986	619,261	0	114,912
Department of Education	119,459	15,749	4,824	0	0	1,316	5,263	92,307	0
Department of Energy	1,676,131	136,485	0	750,262	111,971	120,763	538,863	135	17,652
Dept of Health & Human Svcs, total	2,886,816	2,417,999	44,445	33,309	0	8,155	25,745	215,163	142,000
Administration on Aging 2/	2,459	0	0	0	0	0	0	2,459	0
Admin for Children & Families 2/ 3/	34,347	0	0	0	0	0	0	34,347	0
Agency for Health Care Policy & Research 4/	97,821	19,916	79	9	0	1,485	0	50,274	26,058
Centers for Disease Control	146,900	146,900	0	0	0	0	0	0	0
Food & Drug Administration	135,700	135,700	0	0	0	0	0	0	0
Health Care Financing Admin	75,491	0	0	0	0	0	0	75,491	0
Health Resources & Svcs Admin	8,830	8,830	0	0	0	0	0	0	0
National Institutes of Health 5/	2,341,320	2,100,682	44,366	33,300	0	6,670	25,745	14,615	115,942
Office of the Assistant Secretary for Health	5,971	5,971	0	0	0	0	0	0	0
Office of the Secretary	4,977	0	0	0	0	0	0	4,977	0
Social Security Administration	33,000	0	0	0	0	0	0	33,000	0

See explanatory information, if any, and SOURCE at end of table.

Table C-57. Federal obligations for applied research, by agency and field of science and engineering: fiscal year 1992

[Dollars in thousands]

Page 2 of 3

Agency and subdivision	Total	Life sciences	Psy-chology	Physical sciences	Environ-mental sciences	Mathe-matics and com-puter sciences	Engi-neering	Social sciences	Other sciences, n.e.c.
Department of Housing & Urban Dvlpmt	8,807	0	0	0	288	188	540	7,374	417
Department of the Interior, total	339,675	98,740	0	25,333	127,272	11,778	72,554	3,998	0
Bureau of Land Management	5,303	4,556	0	0	712	0	0	35	0
Bureau of Mines	59,164	0	0	0	4,327	0	54,837	0	0
Bureau of Reclamation	10,700	3,220	0	2,000	0	0	5,480	0	0
Geological Survey	164,341	2,046	0	23,333	118,772	11,618	8,422	150	0
Minerals Management Service	3,815	0	0	0	0	0	3,815	0	0
National Park Service	31,098	24,000	0	0	3,125	160	0	3,813	0
Office of the Secretary	200	0	0	0	200	0	0	0	0
Office of Surface Mining Reclamation & Enforcement	254	118	0	0	136	0	0	0	0
US Fish & Wildlife Service	64,800	64,800	0	0	0	0	0	0	0
Department of Justice, total	15,014	296	1,326	0	0	500	500	11,938	454
Bureau of Prisons 6/	2,500	0	500	0	0	0	0	2,000	0
Drug Enforcement Administration	100	0	0	0	0	0	100	0	0
Immigration & Naturalization Svc	400	0	0	0	0	0	400	0	0
Office of Justice Programs	12,014	296	826	0	0	500	0	9,938	454
Department of Labor, total	23,590	0	0	0	0	0	0	23,590	0
Bureau of Labor Statistics	7,600	0	0	0	0	0	0	7,600	0
Employment & Training Admin	5,440	0	0	0	0	0	0	5,440	0
Occupational Safety & Health Administration	3,094	0	0	0	0	0	0	3,094	0
Office of the Secretary	4,118	0	0	0	0	0	0	4,118	0
Pension Benefit Guaranty Corp	788	0	0	0	0	0	0	788	0
Pension & Welfare Benefit Admin	2,550	0	0	0	0	0	0	2,550	0
Department of State	685	0	0	0	0	0	0	685	0
Department of Transportation, total	155,700	5,092	9,988	3,526	6,987	20,259	91,473	16,933	1,442
Coast Guard	5,014	0	579	0	582	1,264	2,589	0	0
Federal Aviation Administration	30,108	2,774	3,896	1,909	205	7,864	12,137	0	1,323
Federal Highway Administration	72,042	547	5,513	235	5,985	5,709	45,343	8,710	0
Federal Railroad Administration	18,859	0	0	1,132	0	0	13,955	3,772	0
Maritime Administration	1,751	0	0	0	50	0	1,701	0	0
National Highway Traffic Safety Administration	25,774	1,771	0	0	0	4,907	15,210	3,886	0
Office of the Secretary	740	0	0	250	0	0	450	40	0
Research & Special Programs Administration	1,412	0	0	0	165	515	88	525	119
Department of the Treasury, total	17,245	140	389	1,956	0	8,897	0	5,863	0
Bureau of Engraving & Printing	1,766	0	0	1,766	0	0	0	0	0
Internal Revenue Service 7/	13,945	0	0	0	0	8,897	0	5,048	0
Office of Thrift Supervision 8/	815	0	0	0	0	0	0	815	0
United States Customs Service	190	0	0	190	0	0	0	0	0
United States Secret Service 9/	529	140	389	0	0	0	0	0	0
Department of Veterans Affairs	185,200	168,989	15,908	0	0	0	303	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-57. Federal obligations for applied research, by agency and field of science and engineering: fiscal year 1992

[Dollars in thousands]

Agency and subdivision	Total	Life sciences	Psy-chology	Physical sciences	Environ-mental sciences	Mathe-matics and com-puter sciences	Engi-neering	Social sciences	Other sciences, n.e.c.
Other agencies:									
Advisory Commission on Intergovernmental Relations	1,730	0	0	0	0	0	0	1,730	0
Agency for International Dvlpmt	294,245	220,285	0	0	0	4,200	219	28,123	41,418
Appalachian Regional Commission	1,900	0	0	0	0	0	0	1,900	0
Consumer Product Safety Commission	788	0	0	112	0	0	676	0	0
Environmental Protection Agency	293,900	120,835	1,223	59,945	57,030	847	54,020	0	0
Federal Communications Commission	1,648	0	0	0	0	115	1,199	334	0
Federal Trade Commission	1,285	0	0	0	0	0	0	1,285	0
Library of Congress	1,418	0	0	0	0	0	0	0	1,418
National Aeronautics & Space Admin	1,491,134	108,516	8,430	69,822	249,002	45,271	1,003,574	0	6,519
National Archives & Records Admin	110	0	0	100	0	10	0	0	0
National Science Foundation	126,925	14,733	2,166	16,771	5,581	22,102	49,675	8,614	7,283
Nuclear Regulatory Commission	119,049	0	0	0	0	0	119,049	0	0
Tennessee Valley Authority	22,246	2,494	0	6,311	750	0	2,769	566	9,356
US Arms Control & Disarmament Agency	2,058	0	0	100	0	235	0	1,723	0
US International Trade Commission	12,280	0	0	0	0	0	0	12,280	0

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

6/ Formerly listed as Federal Prison System

7/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

8/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

9/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-58. Estimated Federal obligations for applied research, by agency and field of science and engineering: fiscal year 1993

[Dollars in thousands]

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Agency and subdivision	Total	Life sciences	Psy- chology	Physical sciences	Environ- mental sciences	Mathe- matics and com- puter sciences	Engi- neering	Social sciences	Other sciences, n.e.c.
Total, all agencies	13,554,452	4,348,398	218,490	1,888,714	1,020,344	817,649	4,432,092	549,683	479,082
Departments:									
Department of Agriculture, total	666,915	454,789	353	47,001	7,864	12,822	44,735	97,323	2,028
Agricultural Cooperative Service	3,518	0	0	0	0	0	0	3,518	0
Agricultural Marketing Service 1/	4,244	4,244	0	0	0	0	0	0	0
Agricultural Research Service	256,747	219,053	0	28,307	1,906	1,892	5,580	9	0
Cooperative State Research Svc	228,908	156,875	0	14,929	2,183	0	19,314	35,607	0
Economic Research Service	50,675	0	0	0	0	0	0	50,675	0
Federal Grain Inspection Service	1,191	1,191	0	0	0	0	0	0	0
Forest Service	110,300	64,502	353	3,765	3,775	8,522	19,841	7,514	2,028
Human Nutrition Information Svc	8,538	8,538	0	0	0	0	0	0	0
Nat'l Agricultural Statistics Svc	2,408	0	0	0	0	2,408	0	0	0
Office of International Cooperation & Development	386	386	0	0	0	0	0	0	0
Department of Commerce, total	595,829	94,995	241	64,880	245,412	41,867	100,385	15,268	32,781
Bureau of the Census	2,710	0	236	0	0	1,709	0	699	66
National Institute of Standards & Technology	163,322	0	0	48,299	238	25,232	89,338	215	0
National Oceanic & Atmospheric Administration	425,693	94,995	5	16,581	245,174	14,926	6,943	14,354	32,715
National Telecommunications & Information Administration	4,104	0	0	0	0	0	4,104	0	0
Department of Defense, total	3,637,381	203,151	103,522	536,616	110,430	483,527	2,012,737	1,273	184,125
Department of the Army	856,533	104,343	24,481	96,267	34,621	90,826	488,030	879	15,086
Department of the Navy	632,000	18,455	18,644	168,050	21,867	21,741	377,876	0	5,367
Department of the Air Force	740,000	36,656	39,686	149,537	3,394	52,379	445,915	394	12,039
Defense agencies	1,408,848	43,697	20,711	122,762	50,548	318,581	700,916	0	151,633
Department of Education	122,401	12,676	4,808	0	0	2,623	5,246	97,048	0
Department of Energy	1,826,753	101,207	0	792,354	156,673	131,909	627,174	129	17,307
Dept of Health & Human Svcs, total	3,256,999	2,765,040	51,660	38,766	0	9,883	29,988	207,991	153,671
Administration on Aging 2/	2,456	0	0	0	0	0	0	2,456	0
Admin for Children & Families 2/ 3/	17,795	0	0	0	0	0	0	17,795	0
Agency for Health Care Policy & Research 4/	105,650	21,130	0	0	0	2,113	0	53,882	28,525
Centers for Disease Control	149,500	149,500	0	0	0	0	0	0	0
Food & Drug Administration	139,100	139,100	0	0	0	0	0	0	0
Health Care Financing Admin	68,700	0	0	0	0	0	0	68,700	0
Health Resources & Svcs Admin	9,275	9,275	0	0	0	0	0	0	0
National Institutes of Health 5/	2,716,376	2,446,035	51,660	38,766	0	7,770	29,988	17,011	125,146
Office of the Secretary	8,047	0	0	0	0	0	0	8,047	0
Social Security Administration	40,100	0	0	0	0	0	0	40,100	0

See explanatory information, if any, and SOURCE at end of table.

Table C-58. Estimated Federal obligations for applied research, by agency and field of science and engineering: fiscal year 1993

[Dollars in thousands]

Page 2 of 3

Agency and subdivision	Total	Life sciences	Psy-chology	Physical sciences	Environ-mental sciences	Mathe-matics and com-puter sciences	Engi-neering	Social sciences	Other sciences, n.e.c.
Department of Housing & Urban Dvlpmt	9,390	0	0	0	64	145	317	7,738	1,126
Department of the Interior, total	343,810	97,330	0	25,124	129,478	12,640	74,303	4,935	0
Bureau of Land Management	7,365	5,762	0	0	1,568	0	0	35	0
Bureau of Mines	63,282	0	0	0	3,655	0	59,627	0	0
Bureau of Reclamation	7,300	3,092	0	1,000	0	0	3,208	0	0
Geological Survey	165,248	1,773	0	24,124	119,358	12,140	7,753	100	0
Minerals Management Service	5,015	0	0	0	1,300	0	3,715	0	0
National Park Service	32,000	23,500	0	0	3,200	500	0	4,800	0
Office of the Secretary	200	0	0	0	200	0	0	0	0
Office of Surface Mining Reclamation & Enforcement	400	203	0	0	197	0	0	0	0
US Fish & Wildlife Service	63,000	63,000	0	0	0	0	0	0	0
Department of Justice, total	14,768	600	1,000	0	0	400	400	11,628	740
Bureau of Prisons 6/	2,500	0	500	0	0	0	0	2,000	0
Immigration & Naturalization Svc	400	0	0	0	0	0	400	0	0
Office of Justice Programs	11,868	600	500	0	0	400	0	9,628	740
Department of Labor, total	19,871	0	0	0	0	0	0	19,871	0
Bureau of Labor Statistics	6,900	0	0	0	0	0	0	6,900	0
Employment & Training Admin	3,249	0	0	0	0	0	0	3,249	0
Occupational Safety & Health Administration	3,737	0	0	0	0	0	0	3,737	0
Office of the Secretary	2,832	0	0	0	0	0	0	2,832	0
Pension Benefit Guaranty Corp	573	0	0	0	0	0	0	573	0
Pension & Welfare Benefit Admin	2,580	0	0	0	0	0	0	2,580	0
Department of State	496	0	0	0	0	0	0	496	0
Department of Transportation, total	330,412	9,830	28,988	6,620	21,436	30,460	204,366	28,712	0
Coast Guard	8,854	0	1,063	0	1,107	2,169	4,515	0	0
Federal Aviation Administration	68,681	3,692	24,386	4,272	1,055	7,422	27,854	0	0
Federal Highway Administration	186,093	2,345	3,539	595	19,124	14,290	127,752	18,448	0
Federal Railroad Administration	25,881	0	0	1,553	0	0	19,152	5,176	0
Federal Transit Administration 7/	6,000	0	0	0	0	0	6,000	0	0
Maritime Administration	1,734	0	0	0	50	0	1,684	0	0
National Highway Traffic Safety Administration	31,611	3,793	0	0	0	6,006	16,754	5,058	0
Office of the Secretary	645	0	0	200	0	0	415	30	0
Research & Special Programs Administration	913	0	0	0	100	573	240	0	0
Department of the Treasury, total	5,145	160	404	3,752	0	0	0	829	0
Bureau of Engraving & Printing	3,652	0	0	3,652	0	0	0	0	0
Office of Thrift Supervision 8/	829	0	0	0	0	0	0	829	0
United States Customs Service	100	0	0	100	0	0	0	0	0
United States Secret Service 9/	564	160	404	0	0	0	0	0	0
Department of Veterans Affairs	190,200	167,337	17,054	0	0	0	5,809	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-58. Estimated Federal obligations for applied research, by agency and field of science and engineering: fiscal year 1993

[Dollars in thousands]

Page 3 of 3

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Other agencies:									
Advisory Commission on Intergovernmental Relations	2,483	0	0	0	0	0	0	2,483	0
Agency for International Dvlpmt	283,169	197,288	0	0	0	4,550	926	27,519	52,886
Appalachian Regional Commission	900	0	0	0	0	0	0	900	0
Consumer Product Safety Commission	850	0	0	430	0	0	420	0	0
Environmental Protection Agency	327,400	131,300	1,500	65,000	67,400	1,000	61,200	0	0
Federal Communications Commission	1,838	0	0	0	0	123	1,208	507	0
Federal Trade Commission	848	0	0	0	0	0	0	848	0
Library of Congress	1,587	0	0	0	0	0	0	0	1,587
National Aeronautics & Space Admin	1,605,998	93,355	6,813	82,333	274,431	59,221	1,081,772	0	8,073
National Archives & Records Admin	140	0	0	140	0	0	0	0	0
National Science Foundation	151,181	16,835	2,147	17,359	5,946	26,479	57,447	10,084	14,884
Nuclear Regulatory Commission	119,678	0	0	0	0	0	119,678	0	0
Tennessee Valley Authority	23,277	2,505	0	6,339	1,210	0	2,781	568	9,874
US Arms Control & Disarmament Agency	1,000	0	0	0	0	0	0	1,000	0
United States Information Agency	1,200	0	0	0	0	0	1,200	0	0
US International Trade Commission	12,533	0	0	0	0	0	0	12,533	0

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

6/ Formerly listed as Federal Prison System

7/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

8/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

9/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-59. Estimated Federal obligations for applied research, by agency and field of science and engineering: fiscal year 1994

[Dollars in thousands]

Page 1 of 3

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Total, all agencies	13,777,715	4,489,198	205,332	1,561,612	1,091,546	869,381	4,567,537	557,169	435,940
Departments:									
Department of Agriculture, total	668,822	465,904	407	45,976	7,806	14,203	43,845	88,342	2,337
Agricultural Cooperative Service	3,576	0	0	0	0	0	0	3,576	0
Agricultural Marketing Service 1/	4,272	4,272	0	0	0	0	0	0	0
Agricultural Research Service	261,053	222,726	0	28,782	1,938	1,924	5,674	9	0
Cooperative State Research Svc	211,569	150,043	0	12,855	1,520	0	15,308	31,843	0
Economic Research Service	44,256	0	0	0	0	0	0	44,256	0
Federal Grain Inspection Service	1,000	1,000	0	0	0	0	0	0	0
Forest Service	127,100	74,326	407	4,339	4,350	9,820	22,863	8,658	2,337
Human Nutrition Information Svc	13,142	13,142	0	0	0	0	0	0	0
Nat'l Agricultural Statistics Svc	2,459	0	0	0	0	2,459	0	0	0
Office of International Cooperation & Development	395	395	0	0	0	0	0	0	0
Department of Commerce, total	702,778	95,309	246	85,548	285,341	54,939	131,641	16,129	33,625
Bureau of the Census	2,771	0	241	0	0	1,747	0	715	68
Economic Development Admin	500	0	0	0	0	0	0	500	0
National Institute of Standards & Technology	225,429	0	0	67,504	332	37,695	119,601	297	0
National Oceanic & Atmospheric Administration	468,853	95,309	5	18,044	285,009	15,497	6,815	14,617	33,557
National Telecommunications & Information Administration	5,225	0	0	0	0	0	5,225	0	0
Department of Defense, total	3,179,155	164,358	103,355	435,989	80,342	487,753	1,792,064	1,553	113,741
Department of the Army	631,358	86,618	23,643	67,546	17,107	45,246	379,995	1,191	10,012
Department of the Navy	536,000	15,652	15,813	142,522	18,545	18,436	320,474	0	4,558
Department of the Air Force	766,400	32,287	36,391	146,266	3,942	54,974	484,923	362	7,255
Defense agencies	1,245,397	29,801	27,508	79,655	40,748	369,095	606,672	0	91,918
Department of Education	131,530	12,977	4,927	0	0	2,687	5,375	105,564	0
Department of Energy	1,731,424	109,285	0	712,445	171,859	109,761	604,878	516	22,680
Dept of Health & Human Svcs, total	3,417,884	2,890,033	53,076	39,828	0	10,696	30,810	218,117	175,324
Administration on Aging 2/	2,474	0	0	0	0	0	0	2,474	0
Admin for Children & Families 2/ 3/	17,419	0	0	0	0	0	0	17,419	0
Agency for Health Care Policy & Research 4/	135,645	27,129	0	0	0	2,713	0	69,179	36,624
Centers for Disease Control	183,053	183,053	0	0	0	0	0	0	0
Food & Drug Administration	151,200	151,200	0	0	0	0	0	0	0
Health Care Financing Admin	68,600	0	0	0	0	0	0	68,600	0
Health Resources & Svcs Admin	9,646	9,646	0	0	0	0	0	0	0
National Institutes of Health 5/	2,800,879	2,513,005	53,076	39,828	0	7,983	30,810	17,477	138,700
Office of the Assistant Secretary for Health	6,000	6,000	0	0	0	0	0	0	0
Office of the Secretary	15,868	0	0	0	0	0	0	15,868	0
Social Security Administration	27,100	0	0	0	0	0	0	27,100	0

See explanatory information, if any, and SOURCE at end of table.

Table C-59. Estimated Federal obligations for applied research, by agency and field of science and engineering: fiscal year 1994

[Dollars in thousands]

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Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Department of Housing & Urban Dvlpmt	12,776	0	0	0	85	125	84	12,077	405
Department of the Interior, total	331,561	86,136	0	28,361	133,006	13,095	66,828	4,135	0
Bureau of Land Management	5,826	5,186	0	0	605	0	0	35	0
Bureau of Mines	55,469	0	0	0	3,878	0	51,591	0	0
Bureau of Reclamation	6,600	2,000	0	1,500	0	0	3,100	0	0
Geological Survey	173,742	1,950	0	26,861	123,522	12,895	8,414	100	0
Minerals Management Service	5,024	0	0	0	1,301	0	3,723	0	0
National Park Service	7,700	0	0	0	3,500	200	0	4,000	0
Office of the Secretary	200	0	0	0	200	0	0	0	0
US Fish & Wildlife Service	77,000	77,000	0	0	0	0	0	0	0
Department of Justice, total	14,028	700	1,500	0	0	500	400	10,188	740
Bureau of Prisons 6/	2,500	0	500	0	0	0	0	2,000	0
Immigration & Naturalization Svc	400	0	0	0	0	0	400	0	0
Office of Justice Programs	11,128	700	1,000	0	0	500	0	8,188	740
Department of Labor, total	20,483	0	0	0	0	0	0	20,483	0
Bureau of Labor Statistics	7,000	0	0	0	0	0	0	7,000	0
Employment & Training Admin	3,249	0	0	0	0	0	0	3,249	0
Occupational Safety & Health Administration	3,765	0	0	0	0	0	0	3,765	0
Office of the Secretary	3,323	0	0	0	0	0	0	3,323	0
Pension Benefit Guaranty Corp	566	0	0	0	0	0	0	566	0
Pension & Welfare Benefit Admin	2,580	0	0	0	0	0	0	2,580	0
Department of State	508	0	0	0	0	0	0	508	0
Department of Transportation, total	278,897	16,662	13,740	3,496	16,535	30,175	178,643	17,863	1,783
Coast Guard	6,147	0	737	0	756	1,536	3,118	0	0
Federal Aviation Administration	75,146	11,818	10,131	1,645	1,300	8,817	39,652	0	1,783
Federal Highway Administration	147,364	1,607	2,872	482	14,329	14,286	102,112	11,676	0
Federal Railroad Administration	13,999	0	0	1,119	0	0	11,060	1,820	0
Federal Transit Administration 7/	6,000	0	0	0	0	0	6,000	0	0
Maritime Administration	1,741	0	0	0	50	0	1,691	0	0
National Highway Traffic Safety Administration	26,978	3,237	0	0	0	5,126	14,298	4,317	0
Office of the Secretary	772	0	0	250	0	0	472	50	0
Research & Special Programs Administration	750	0	0	0	100	410	240	0	0
Department of the Treasury, total	7,146	160	457	5,675	0	0	0	854	0
Bureau of Engraving & Printing	5,025	0	0	5,025	0	0	0	0	0
Office of Thrift Supervision 8/	854	0	0	0	0	0	0	854	0
United States Customs Service	650	0	0	650	0	0	0	0	0
United States Secret Service 9/	617	160	457	0	0	0	0	0	0
Department of Veterans Affairs	161,800	143,840	13,268	0	0	0	4,692	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-59. Estimated Federal obligations for applied research, by agency and field of science and engineering: fiscal year 1994

[Dollars in thousands]

Agency and subdivision	Total	Life sciences	Psy-chology	Physical sciences	Environ-mental sciences	Mathe-matics and com-puter sciences	Engi-neering	Social sciences	Other sciences, n.e.c.
Other agencies:									
Advisory Commission on Intergovernmental Relations	1,939	0	0	0	0	0	0	1,939	0
Agency for International Dvlpmt	277,152	201,363	0	0	0	3,500	954	25,935	45,400
Appalachian Regional Commission	900	0	0	0	0	0	0	900	0
Consumer Product Safety Commission	147	0	0	100	0	0	47	0	0
Environmental Protection Agency	396,900	151,400	2,700	72,500	75,500	3,500	85,700	1,600	4,000
Federal Communications Commission	1,745	0	0	0	0	123	1,037	585	0
Federal Trade Commission	876	0	0	0	0	0	0	876	0
Library of Congress	1,605	0	0	0	0	0	0	0	1,605
National Aeronautics & Space Admin	2,104,741	129,550	9,003	105,643	312,944	107,671	1,431,591	0	8,339
National Archives & Records Admin	130	0	0	130	0	0	0	0	0
National Science Foundation	169,476	18,743	2,653	18,892	6,876	30,653	63,114	13,084	15,461
Nuclear Regulatory Commission	122,094	0	0	0	0	0	122,094	0	0
Tennessee Valley Authority	25,271	2,778	0	7,029	1,250	0	3,084	630	10,500
US Arms Control & Disarmament Agency	1,000	0	0	0	0	0	0	1,000	0
United States Information Agency	656	0	0	0	0	0	656	0	0
US International Trade Commission	14,291	0	0	0	0	0	0	14,291	0

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

6/ Formerly listed as Federal Prison System

7/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

8/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

9/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-60. Federal obligations for applied research in psychology and life sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

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Agency and subdivision	Psychology				Life sciences					
	Total	Biological aspects	Social aspects	Psychological sciences, n.e.c.	Total	Biological	Environmental biology	Agricultural	Medical	Life sciences, n.e.c.
Total, all agencies	175,578	20,337	84,126	71,115	4,068,773	1,398,412	309,390	408,172	1,778,903	173,896
Departments:										
Department of Agriculture, total	343	0	343	0	458,643	52,540	116,377	278,376	11,350	0
Agricultural Marketing Service 1/	0	0	0	0	4,144	0	0	4,144	0	0
Agricultural Research Service	0	0	0	0	222,858	5,918	31,227	181,694	4,019	0
Cooperative State Research Svc	0	0	0	0	156,533	33,612	39,284	78,868	4,769	0
Federal Grain Inspection Service	0	0	0	0	1,505	0	0	1,505	0	0
Forest Service	343	0	343	0	62,514	13,010	45,866	1,076	2,562	0
Human Nutrition Information Svc	0	0	0	0	10,703	0	0	10,703	0	0
Office of International Cooperation & Development	0	0	0	0	386	0	0	386	0	0
Department of Commerce, total	217	0	217	0	97,883	22,981	60,576	12,667	1,659	0
Bureau of the Census	212	0	212	0	0	0	0	0	0	0
National Oceanic & Atmospheric Administration	5	0	5	0	97,883	22,981	60,576	12,667	1,659	0
Department of Defense, total	86,319	3,930	65,723	16,666	201,894	26,586	19,584	0	155,559	165
Department of the Army	29,229	1,102	28,127	0	120,152	8,856	1,815	0	109,481	0
Department of the Navy	14,721	2,253	12.468	0	14,571	3,567	1,690	0	9,314	0
Department of the Air Force	26,182	575	25,128	479	24,013	0	13,815	0	10,198	0
Defense agencies	16,187	0	0	16,187	43,158	14,163	2,264	0	26,566	165
Department of Education	4,824	0	3,522	1,302	15,749	0	0	0	5,981	9,768
Department of Energy	0	0	0	0	136,485	7,006	460	375	124,092	4,552
Dept of Health & Human Svcs, total	44,445	54	115	44,276	2,417,999	1,094,625	63	54,800	1,179,277	89,234
Agency for Health Care Policy & Research 2/	79	0	79	0	19,916	0	0	0	19,916	0
Centers for Disease Control	0	0	0	0	146,900	0	0	0	146,900	0
Food & Drug Administration	0	0	0	0	135,700	69,900	0	54,800	0	11,000
Health Resources & Svcs Admin	0	0	0	0	8,830	0	0	0	8,830	0
National Institutes of Health 3/	44,366	54	36	44,276	2,100,682	1,024,725	63	0	997,660	78,234
Office of the Assistant Secretary for Health	0	0	0	0	5,971	0	0	0	5,971	0
Department of the Interior, total	0	0	0	0	98,740	44,830	50,056	3,754	0	100
Bureau of Land Management	0	0	0	0	4,556	728	264	3,564	0	0
Bureau of Reclamation	0	0	0	0	3,220	0	3,220	0	0	0
Geological Survey	0	0	0	0	2,046	778	1,078	190	0	0
National Park Service	0	0	0	0	24,000	2,500	21,400	0	0	100
Office of Surface Mining Reclamation & Enforcement	0	0	0	0	118	0	118	0	0	0
US Fish & Wildlife Service	0	0	0	0	64,800	40,824	23,976	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-60. Federal obligations for applied research in psychology and life sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

Page 2 of 2

Agency and subdivision	Psychology				Life sciences					
	Total	Biological aspects	Social aspects	Psychological sciences, n.e.c.	Total	Biological	Environmental biology	Agricultural	Medical	Life sciences, n.e.c.
Department of Justice, total	1,326	438	688	200	296	141	0	0	0	155
Bureau of Prisons 4/	500	0	300	200	0	0	0	0	0	0
Office of Justice Programs	826	438	388	0	296	141	0	0	0	155
Department of Transportation, total	9,988	0	4,129	5,859	5,092	1,452	547	0	3,093	0
Coast Guard	579	0	579	0	0	0	0	0	0	0
Federal Aviation Administration	3,896	0	3,550	346	2,774	363	0	0	2,411	0
Federal Highway Administration	5,513	0	0	5,513	547	0	547	0	0	0
National Highway Traffic Safety Administration	0	0	0	0	1,771	1,089	0	0	682	0
Department of the Treasury, total	389	0	0	389	140	0	0	0	140	0
United States Secret Service 5/	389	0	0	389	140	0	0	0	140	0
Department of Veterans Affairs	15,908	15,682	226	0	168,989	25,948	0	0	143,041	0
Other agencies:										
Agency for International Dvlpmt	0	0	0	0	220,285	2,161	10,610	55,047	90,884	61,783
Environmental Protection Agency	1,223	0	658	565	120,835	76,885	36,704	659	6,587	0
National Aeronautics & Space Admin	8,430	0	8,273	157	108,516	34,757	8,196	0	57,440	8,123
National Science Foundation	2,166	233	232	1,701	14,733	8,500	6,217	0	0	16
Tennessee Valley Authority	0	0	0	0	2,494	0	0	2,494	0	0

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

3/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

4/ Formerly listed as Federal Prison System

5/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-61. Estimated Federal obligations for applied research in psychology and life sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

Agency and subdivision	Psychology				Life sciences					
	Total	Bio-logical aspects	Social aspects	Psycho-logical sciences, n.e.c.	Total	Bio-logical	Environ-mental biology	Agri-cultural	Medical	Life sciences, n.e.c.
Total, all agencies	218,490	23,092	112,049	83,349	4,348,398	1,555,896	332,218	393,693	1,884,832	181,759
Departments:										
Department of Agriculture, total	353	0	353	0	454,789	52,590	120,554	270,019	11,626	0
Agricultural Marketing Service 1/	0	0	0	0	4,244	0	0	4,244	0	0
Agricultural Research Service	0	0	0	0	219,053	5,564	33,989	175,289	4,211	0
Cooperative State Research Svc	0	0	0	0	156,875	33,603	39,240	79,261	4,771	0
Federal Grain Inspection Service	0	0	0	0	1,191	0	0	1,191	0	0
Forest Service	353	0	353	0	64,502	13,423	47,325	1,110	2,644	0
Human Nutrition Information Svc	0	0	0	0	8,538	0	0	8,538	0	0
Office of International Cooperation & Development	0	0	0	0	386	0	0	386	0	0
Department of Commerce, total	241	0	241	0	94,995	16,482	61,446	13,722	3,345	0
Bureau of the Census	236	0	236	0	0	0	0	0	0	0
National Oceanic & Atmospheric Administration	5	0	5	0	94,995	16,482	61,446	13,722	3,345	0
Department of Defense, total	103,522	4,676	77,514	21,332	203,151	29,780	25,661	0	145,233	2,477
Department of the Army	24,481	1,078	23,403	0	104,343	9,421	808	0	94,114	0
Department of the Navy	18,644	2,853	15,791	0	18,455	4,517	2,141	0	11,797	0
Department of the Air Force	39,686	745	38,320	621	36,656	0	19,703	0	14,804	2,149
Defense agencies	20,711	0	0	20,711	43,697	15,842	3,009	0	24,518	328
Department of Education	4,808	0	3,366	1,442	12,676	0	0	0	4,616	8,060
Department of Energy	0	0	0	0	101,207	7,464	484	398	89,015	3,846
Dept of Health & Human Svcs, total	51,660	54	54	51,552	2,765,040	1,264,280	81	56,700	1,341,571	102,408
Agency for Health Care Policy & Research 2/	0	0	0	0	21,130	0	0	0	21,130	0
Centers for Disease Control	0	0	0	0	149,500	0	0	0	149,500	0
Food & Drug Administration	0	0	0	0	139,100	71,100	0	56,700	0	11,300
Health Resources & Svcs Admin	0	0	0	0	9,275	0	0	0	9,275	0
National Institutes of Health 3/	51,660	54	54	51,552	2,446,035	1,193,180	81	0	1,161,686	91,108
Department of the Interior, total	0	0	0	0	97,330	42,197	50,655	4,278	0	200
Bureau of Land Management	0	0	0	0	5,762	403	1,146	4,213	0	0
Bureau of Reclamation	0	0	0	0	3,092	0	3,092	0	0	0
Geological Survey	0	0	0	0	1,773	804	904	65	0	0
National Park Service	0	0	0	0	23,500	1,300	22,000	0	0	200
Office of Surface Mining Reclamation & Enforcement	0	0	0	0	203	0	203	0	0	0
US Fish & Wildlife Service	0	0	0	0	63,000	39,690	23,310	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-61. Estimated Federal obligations for applied research in psychology and life sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

Page 2 of 2

Agency and subdivision	Psychology				Life sciences					
	Total	Biological aspects	Social aspects	Psychological sciences, n.e.c.	Total	Biological	Environmental biology	Agricultural	Medical	Life sciences, n.e.c.
Department of Justice, total	1,000	200	600	200	600	300	300	0	0	0
Bureau of Prisons 4/	500	0	300	200	0	0	0	0	0	0
Office of Justice Programs	500	200	300	0	600	300	300	0	0	0
Department of Transportation, total	28,988	409	22,053	6,526	9,830	3,975	2,345	0	797	2,713
Coast Guard	1,063	0	1,063	0	0	0	0	0	0	0
Federal Aviation Administration	24,386	409	17,451	6,526	3,692	979	0	0	0	2,713
Federal Highway Administration	3,539	0	3,539	0	2,345	0	2,345	0	0	0
National Highway Traffic Safety Administration	0	0	0	0	3,793	2,996	0	0	797	0
Department of the Treasury, total	404	0	0	404	160	0	0	0	160	0
United States Secret Service 5/	404	0	0	404	160	0	0	0	160	0
Department of Veterans Affairs	17,054	16,794	260	0	167,337	23,536	0	0	143,801	0
Other agencies:										
Agency for International Dvlpmt	0	0	0	0	197,288	1,028	7,001	44,971	90,809	53,479
Environmental Protection Agency	1,500	700	800	0	131,300	73,800	48,400	1,100	8,000	0
National Aeronautics & Space Admin	6,813	0	6,619	194	93,355	30,708	8,228	0	45,859	8,560
National Science Foundation	2,147	259	189	1,699	16,835	9,756	7,063	0	0	16
Tennessee Valley Authority	0	0	0	0	2,505	0	0	2,505	0	0

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

3/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

4/ Formerly listed as Federal Prison System

5/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-62. Estimated Federal obligations for applied research in psychology and life sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Psychology				Life sciences					
	Total	Biological aspects	Social aspects	Psychological sciences, n.e.c.	Total	Biological	Environmental biology	Agricultural	Medical	Life sciences, n.e.c.
Total, all agencies	205,332	18,985	97,845	88,502	4,489,198	1,630,477	311,610	413,039	1,951,172	182,900
Departments:										
Department of Agriculture, total	407	0	407	0	465,904	54,641	128,019	274,363	8,881	0
Agricultural Marketing Service 1/	0	0	0	0	4,272	0	0	4,272	0	0
Agricultural Research Service	0	0	0	0	222,726	5,657	34,559	178,228	4,282	0
Cooperative State Research Svc	0	0	0	0	150,043	33,516	38,927	76,047	1,553	0
Federal Grain Inspection Service	0	0	0	0	1,000	0	0	1,000	0	0
Forest Service	407	0	407	0	74,326	15,468	54,533	1,279	3,046	0
Human Nutrition Information Svc	0	0	0	0	13,142	0	0	13,142	0	0
Office of International Cooperation & Development	0	0	0	0	395	0	0	395	0	0
Department of Commerce, total	246	0	246	0	95,309	16,907	61,336	13,828	3,238	0
Bureau of the Census	241	0	241	0	0	0	0	0	0	0
National Oceanic & Atmospheric Administration	5	0	5	0	95,309	16,907	61,336	13,828	3,238	0
Department of Defense, total	103,355	4,157	71,087	28,111	164,358	10,852	22,430	0	129,097	1,979
Department of the Army	23,643	1,013	22,630	0	86,618	5,604	626	0	80,388	0
Department of the Navy	15,813	2,420	13,393	0	15,652	3,832	1,816	0	10,004	0
Department of the Air Force	36,391	724	35,064	603	32,287	0	17,381	0	13,216	1,690
Defense agencies	27,508	0	0	27,508	29,801	1,416	2,807	0	25,489	289
Department of Education	4,927	0	3,449	1,478	12,977	0	0	0	4,730	8,247
Department of Energy	0	0	0	0	109,265	9,680	611	567	92,840	5,567
Dept of Health & Human Svcs, total	53,076	55	56	52,965	2,890,033	1,307,005	84	59,000	1,419,339	104,605
Agency for Health Care Policy & Research 2/	0	0	0	0	27,129	0	0	0	27,129	0
Centers for Disease Control	0	0	0	0	183,053	0	0	0	183,053	0
Food & Drug Administration	0	0	0	0	151,200	81,200	0	59,000	0	11,000
Health Resources & Svcs Admin	0	0	0	0	9,646	0	0	0	9,646	0
National Institutes of Health 3/	53,076	55	56	52,965	2,513,005	1,225,805	84	0	1,193,511	93,605
Office of the Assistant Secretary for Health	0	0	0	0	6,000	0	0	0	6,000	0
Department of the Interior, total	0	0	0	0	86,136	66,563	15,895	3,678	0	0
Bureau of Land Management	0	0	0	0	5,186	218	1,350	3,618	0	0
Bureau of Reclamation	0	0	0	0	2,000	0	2,000	0	0	0
Geological Survey	0	0	0	0	1,950	895	995	60	0	0
US Fish & Wildlife Service	0	0	0	0	77,000	65,450	11,550	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-62. Estimated Federal obligations for applied research in psychology and life sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

Page 2 of 2

Agency and subdivision	Psychology				Life sciences					
	Total	Biological aspects	Social aspects	Psychological sciences, n.e.c.	Total	Biological	Environmental biology	Agricultural	Medical	Life sciences, n.e.c.
Department of Justice, total	1,500	400	700	400	700	200	200	0	0	300
Bureau of Prisons 4/	500	0	300	200	0	0	0	0	0	0
Office of Justice Programs	1,000	400	400	200	700	200	200	0	0	300
Department of Transportation, total	13,740	0	10,868	2,872	16,662	2,963	1,607	0	12,092	0
Coast Guard	737	0	737	0	0	0	0	0	0	0
Federal Aviation Administration	10,131	0	10,131	0	11,818	406	0	0	11,412	0
Federal Highway Administration	2,872	0	0	2,872	1,607	0	1,607	0	0	0
National Highway Traffic Safety Administration	0	0	0	0	3,237	2,557	0	0	680	0
Department of the Treasury, total	457	0	0	457	160	0	0	0	160	0
United States Secret Service 5/	457	0	0	457	160	0	0	0	160	0
Department of Veterans Affairs	13,268	13,042	226	0	143,840	16,829	0	0	127,011	0
Other agencies:										
Agency for International Dvlpmt	0	0	0	0	201,363	1,549	7,445	51,125	90,416	50,828
Environmental Protection Agency	2,700	900	1,800	0	151,400	83,100	56,700	7,700	3,000	900
National Aeronautics & Space Admin	9,003	0	8,802	201	129,550	49,521	9,224	0	60,368	10,437
National Science Foundation	2,653	431	204	2,018	18,743	10,667	8,059	0	0	17
Tennessee Valley Authority	0	0	0	0	2,778	0	0	2,778	0	0

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

3/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

4/ Formerly listed as Federal Prison System

5/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-63. Federal obligations for applied research in physical and environmental sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Total, all agencies	1,487,733	9,370	339,565	970,694	168,104	903,982	332,034	209,206	248,927	113,815
Departments:										
Department of Agriculture, total	44,212	0	41,760	2,452	0	7,589	6,539	1,050	0	0
Agricultural Research Service	25,630	0	24,282	1,348	0	1,749	1,540	209	0	0
Cooperative State Research Svc	14,933	0	14,933	0	0	2,182	2,182	0	0	0
Forest Service	3,649	0	2,545	1,104	0	3,658	2,817	841	0	0
Department of Commerce, total	49,432	0	18,851	29,854	727	252,525	105,426	4,149	139,714	3,236
National Institute of Standards & Technology	32,357	0	10,042	22,310	5	238	0	238	0	0
National Oceanic & Atmospheric Administration	17,075	0	8,809	7,544	722	252,287	105,426	3,911	139,714	3,236
Department of Defense, total	426,542	0	57,908	305,412	63,222	84,987	17,110	30,637	13,645	23,595
Department of the Army	79,810	0	33,932	12,725	33,153	33,385	7,798	818	1,174	23,595
Department of the Navy	132,689	0	12,327	117,442	2,920	17,265	3,263	1,531	12,471	0
Department of the Air Force	118,720	0	11,649	107,071	0	3,256	1,395	1,861	0	0
Defense agencies	95,323	0	0	68,174	27,149	31,081	4,654	26,427	0	0
Department of Energy	750,262	0	90,309	574,817	85,136	111,971	7,216	28,229	0	76,526
Dept of Health & Human Svcs, total	33,309	0	28,461	4,839	9	0	0	0	0	0
Agency for Health Care Policy & Research 1/	9	0	0	0	9	0	0	0	0	0
National Institutes of Health 2/	33,300	0	28,461	4,839	0	0	0	0	0	0
Department of Housing & Urban Dvlpmt	0	0	0	0	0	288	0	0	0	288
Department of the Interior, total	25,333	0	19,444	3,889	2,000	127,272	450	113,807	11,025	1,990
Bureau of Land Management	0	0	0	0	0	712	50	57	0	605
Bureau of Mines	0	0	0	0	0	4,327	0	4,242	0	85
Bureau of Reclamation	2,000	0	0	0	2,000	0	0	0	0	0
Geological Survey	23,333	0	19,444	3,889	0	118,772	400	107,347	11,025	0
National Park Service	0	0	0	0	0	3,125	0	2,025	0	1,100
Office of the Secretary	0	0	0	0	0	200	0	0	0	200
Office of Surface Mining Reclamation & Enforcement	0	0	0	0	0	136	0	136	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-63. Federal obligations for applied research in physical and environmental sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

Page 2 of 2

Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Department of Transportation, total	3,526	1,009	900	1,367	250	6,987	3,954	1,579	647	807
Coast Guard	0	0	0	0	0	582	0	0	582	0
Federal Aviation Administration	1,909	1,009	900	0	0	205	205	0	0	0
Federal Highway Administration	235	0	0	235	0	5,985	3,749	1,579	0	657
Federal Railroad Administration	1,132	0	0	1,132	0	0	0	0	0	0
Maritime Administration	0	0	0	0	0	50	0	0	0	50
Office of the Secretary	250	0	0	0	250	0	0	0	0	0
Research & Special Programs Administration	0	0	0	0	0	165	0	0	65	100
Department of the Treasury, total	1,956	0	772	196	988	0	0	0	0	0
Bureau of Engraving & Printing	1,766	0	772	6	988	0	0	0	0	0
United States Customs Service	190	0	0	190	0	0	0	0	0	0
Other agencies:										
Consumer Product Safety Commission	112	0	112	0	0	0	0	0	0	0
Environmental Protection Agency	59,945	0	56,180	3,765	0	57,030	50,067	5,081	1,882	0
National Aeronautics & Space Admin	69,822	7,718	10,392	36,624	15,088	249,002	139,495	22,018	81,299	6,190
National Archives & Records Admin	100	0	70	30	0	0	0	0	0	0
National Science Foundation	16,771	643	7,995	7,449	684	5,581	1,027	2,656	715	1,183
Tennessee Valley Authority	6,311	0	6,311	0	0	750	750	0	0	0
US Arms Control & Disarmament Agency	100	0	100	0	0	0	0	0	0	0

1/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

2/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-64. Estimated Federal obligations for applied research in physical and environmental sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Total, all agencies	1,688,714	10,179	384,792	1,089,853	203,890	1,020,344	368,007	235,742	261,308	155,287
Departments:										
Department of Agriculture, total	47,001	0	44,404	2,597	0	7,864	6,768	1,096	0	0
Agricultural Research Service	28,307	0	26,849	1,458	0	1,906	1,678	228	0	0
Cooperative State Research Svc	14,929	0	14,929	0	0	2,183	2,183	0	0	0
Forest Service	3,765	0	2,626	1,139	0	3,775	2,907	868	0	0
Department of Commerce, total	64,880	0	22,173	42,146	561	245,412	102,454	4,088	135,688	3,182
National Institute of Standards & Technology	48,299	0	13,605	34,687	7	238	0	238	0	0
National Oceanic & Atmospheric Administration	16,581	0	8,568	7,459	554	245,174	102,454	3,850	135,688	3,182
Department of Defense, total	538,616	0	74,393	385,739	78,484	110,430	27,416	45,940	16,411	20,663
Department of the Army	98,267	0	44,238	21,557	32,472	34,621	12,686	656	616	20,663
Department of the Navy	168,050	0	15,612	148,740	3,698	21,867	4,132	1,940	15,795	0
Department of the Air Force	149,537	0	13,750	135,787	0	3,394	1,455	1,939	0	0
Defense agencies	122,762	0	793	79,655	42,314	50,548	9,143	41,405	0	0
Department of Energy	792,354	0	101,018	586,267	105,069	156,673	7,400	30,193	600	118,480
Dept of Health & Human Svcs, total	38,766	0	33,338	5,428	0	0	0	0	0	0
National Institutes of Health 1/	38,766	0	33,338	5,428	0	0	0	0	0	0
Department of Housing & Urban Dvlpmt	0	0	0	0	0	64	0	0	0	64
Department of the Interior, total	25,124	0	21,103	4,021	0	129,478	375	108,804	20,469	1,830
Bureau of Land Management	0	0	0	0	0	1,568	150	813	0	605
Bureau of Mines	0	0	0	0	0	3,655	0	3,630	0	25
Bureau of Reclamation	1,000	0	1,000	0	0	0	0	0	0	0
Geological Survey	24,124	0	20,103	4,021	0	119,358	225	99,964	19,169	0
Minerals Management Service	0	0	0	0	0	1,300	0	0	1,300	0
National Park Service	0	0	0	0	0	3,200	0	2,200	0	1,000
Office of the Secretary	0	0	0	0	0	200	0	0	0	200
Office of Surface Mining Reclamation & Enforcement	0	0	0	0	0	197	0	197	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-64. Estimated Federal obligations for applied research in physical and environmental sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

Page 2 of 2

Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Department of Transportation, total	6,620	0	416	6,004	200	21,436	6,481	11,718	1,107	2,130
Coast Guard	0	0	0	0	0	1,107	0	0	1,107	0
Federal Aviation Administration	4,272	0	416	3,856	0	1,055	1,055	0	0	0
Federal Highway Administration	595	0	0	595	0	19,124	5,426	11,718	0	1,980
Federal Railroad Administration	1,553	0	0	1,553	0	0	0	0	0	0
Maritime Administration	0	0	0	0	0	50	0	0	0	50
Office of the Secretary	200	0	0	0	200	0	0	0	0	0
Research & Special Programs Administration	0	0	0	0	0	100	0	0	0	100
Department of the Treasury, total	3,752	0	450	486	2,816	0	0	0	0	0
Bureau of Engraving & Printing	3,652	0	450	386	2,816	0	0	0	0	0
United States Customs Service	100	0	0	100	0	0	0	0	0	0
Other agencies:										
Consumer Product Safety Commission	430	0	430	0	0	0	0	0	0	0
Environmental Protection Agency	65,000	0	60,600	4,400	0	67,400	56,400	6,500	4,500	0
National Aeronautics & Space Admin	82,333	9,557	11,186	45,350	16,240	274,431	158,502	26,568	81,774	7,587
National Archives & Records Admin	140	0	80	60	0	0	0	0	0	0
National Science Foundation	17,359	622	8,862	7,355	520	5,946	1,001	2,835	759	1,351
Tennessee Valley Authority	6,339	0	6,339	0	0	1,210	1,210	0	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-65. Estimated Federal obligations for applied research in physical and environmental sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Total, all agencies	1,561,612	12,078	387,592	987,808	174,134	1,091,546	402,414	238,072	291,486	159,574
Departments:										
Department of Agriculture, total	45,976	0	43,180	2,796	0	7,808	6,576	1,232	0	0
Agricultural Research Service	28,782	0	27,299	1,483	0	1,938	1,706	232	0	0
Cooperative State Research Svc	12,855	0	12,855	0	0	1,520	1,520	0	0	0
Forest Service	4,339	0	3,026	1,313	0	4,350	3,350	1,000	0	0
Department of Commerce, total	85,548	0	28,551	55,918	1,079	285,341	122,657	2,799	157,002	2,883
National Institute of Standards & Technology	67,504	0	19,438	48,056	10	332	0	332	0	0
National Oceanic & Atmospheric Administration	18,044	0	9,113	7,862	1,069	285,009	122,657	2,467	157,002	2,883
Department of Defense, total	435,989	0	64,149	323,567	48,273	80,342	16,799	39,457	13,395	10,691
Department of the Army	67,546	0	36,052	14,316	17,178	17,107	5,519	897	0	10,691
Department of the Navy	142,522	0	13,240	126,147	3,135	18,545	3,505	1,645	13,395	0
Department of the Air Force	146,266	0	14,186	132,080	0	3,942	1,690	2,252	0	0
Defense agencies	79,655	0	671	51,024	27,960	40,748	6,085	34,663	0	0
Department of Energy	712,445	0	95,382	530,975	86,088	171,859	8,600	30,983	700	131,576
Dept of Health & Human Svcs, total	39,828	0	34,252	5,576	0	0	0	0	0	0
National Institutes of Health 1/	39,828	0	34,252	5,576	0	0	0	0	0	0
Department of Housing & Urban Dvlpmt	0	0	0	0	0	85	0	0	0	85
Department of the Interior, total	28,361	0	23,884	4,477	0	133,006	215	112,371	18,406	2,014
Bureau of Land Management	0	0	0	0	0	605	0	0	0	605
Bureau of Mines	0	0	0	0	0	3,878	0	3,669	0	209
Bureau of Reclamation	1,500	0	1,500	0	0	0	0	0	0	0
Geological Survey	26,861	0	22,384	4,477	0	123,522	215	106,202	17,105	0
Minerals Management Service	0	0	0	0	0	1,301	0	0	1,301	0
National Park Service	0	0	0	0	0	3,500	0	2,500	0	1,000
Office of the Secretary	0	0	0	0	0	200	0	0	0	200

See explanatory information, if any, and SOURCE at end of table.

Table C-65. Estimated Federal obligations for applied research in physical and environmental sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

Page 2 of 2

Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Department of Transportation, total	3,496	0	833	2,413	250	16,535	4,514	9,508	756	1,757
Coast Guard	0	0	0	0	0	756	0	0	756	0
Federal Aviation Administration	1,645	0	833	812	0	1,300	1,300	0	0	0
Federal Highway Administration	482	0	0	482	0	14,329	3,214	9,508	0	1,607
Federal Railroad Administration	1,119	0	0	1,119	0	0	0	0	0	0
Maritime Administration	0	0	0	0	0	50	0	0	0	50
Office of the Secretary	250	0	0	0	250	0	0	0	0	0
Research & Special Programs Administration	0	0	0	0	0	100	0	0	0	100
Department of the Treasury, total	5,675	0	219	1,079	4,377	0	0	0	0	0
Bureau of Engraving & Printing	5,025	0	219	429	4,377	0	0	0	0	0
United States Customs Service	650	0	0	650	0	0	0	0	0	0
Other agencies:										
Consumer Product Safety Commission	100	0	100	0	0	0	0	0	0	0
Environmental Protection Agency	72,500	0	66,000	6,500	0	75,500	59,800	8,500	7,200	0
National Aeronautics & Space Admin	105,643	11,252	14,272	46,850	33,269	312,944	180,746	30,296	93,250	8,652
National Archives & Records Admin	130	0	80	50	0	0	0	0	0	0
National Science Foundation	18,892	826	9,661	7,607	798	6,876	1,257	2,926	777	1,916
Tennessee Valley Authority	7,029	0	7,029	0	0	1,250	1,250	0	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-66. Federal obligations for applied research in engineering, by agency and detailed field of engineering: fiscal year 1992

[Dollars in thousands]

Agency and subdivision	Total	Aero-nautical	Astro-nautical	Chemical	Civil	Elec-trical	Mechan-ical	Metallurgy and materials	Engi-neering, n.e.c.
Total, all agencies	3,727,148	629,520	536,000	192,523	276,864	593,628	223,389	453,624	821,600
Departments:									
Department of Agriculture, total	43,647	0	0	4,469	3,758	390	2,595	0	32,435
Agricultural Research Service	5,087	0	0	3,188	1,223	349	297	0	30
Cooperative State Research Svc	19,331	0	0	0	0	0	0	0	19,331
Forest Service	19,229	0	0	1,281	2,535	41	2,298	0	13,074
Department of Commerce, total	77,500	0	124	4,017	4,522	19,842	2,772	18,729	27,494
National Institute of Standards & Technology	66,270	0	124	4,017	4,488	14,367	2,772	18,729	21,773
National Oceanic & Atmospheric Administration	7,269	0	0	0	34	1,514	0	0	5,721
National Telecommunications & Information Administration	3,961	0	0	0	0	3,961	0	0	0
Department of Defense, total	1,639,579	129,083	97,559	23,806	170,363	498,317	153,417	383,649	183,385
Department of the Army	362,708	47,948	1,881	13,650	38,328	139,534	75,682	20,901	24,784
Department of the Navy	298,364	7,460	46,784	7,460	13,844	106,841	63,492	50,543	1,940
Department of the Air Force	359,246	72,607	43,795	2,324	0	92,859	11,919	77,349	58,393
Defense agencies	619,261	1,068	5,099	372	118,191	159,083	2,324	234,856	98,268
Department of Education	5,263	0	0	0	0	0	0	0	5,263
Department of Energy	538,863	0	0	99,154	25,169	38,344	26,873	5,399	343,924
Dept of Health & Human Svcs, total	25,745	0	0	0	0	0	0	0	25,745
National Institutes of Health 1/	25,745	0	0	0	0	0	0	0	25,745
Department of Housing & Urban Dvlpmt	540	0	0	0	0	0	0	0	540
Department of the Interior, total	72,554	0	0	8,963	4,937	770	771	14,721	42,392
Bureau of Mines	54,837	0	0	0	0	0	0	14,501	40,336
Bureau of Reclamation	5,480	0	0	0	2,681	570	313	50	1,866
Geological Survey	8,422	0	0	6,222	1,700	200	300	0	0
Minerals Management Service	3,815	0	0	2,741	556	0	158	170	190

See explanatory information, if any, and 'SOURCE at end of table.

Table C-66. Federal obligations for applied research in engineering, by agency and detailed field of engineering: fiscal year 1992

[Dollars in thousands]

Page 2 of 2

Agency and subdivision	Total	Aeronautical	Astronautical	Chemical	Civil	Electrical	Mechanical	Metallurgy and materials	Engineering, n.e.c.
Department of Justice, total	500	0	0	0	0	200	200	0	100
Drug Enforcement Administration	100	0	0	0	0	0	0	0	100
Immigration & Naturalization Svc	400	0	0	0	0	200	200	0	0
Department of Transportation, total	91,473	751	300	410	47,263	12,679	20,409	906	8,755
Coast Guard	2,589	0	0	0	407	1,109	553	520	0
Federal Aviation Administration	12,137	701	0	0	827	9,081	168	0	1,360
Federal Highway Administration	45,343	0	0	33	38,815	583	560	0	5,352
Federal Railroad Administration	13,955	0	0	377	5,469	1,886	5,280	377	566
Maritime Administration	1,701	0	0	0	1,701	0	0	0	0
National Highway Traffic Safety Administration	15,210	0	0	0	0	0	13,833	0	1,377
Office of the Secretary	450	50	300	0	0	0	0	0	100
Research & Special Programs Administration	88	0	0	0	44	20	15	9	0
Department of Veterans Affairs	303	0	0	0	0	0	0	0	303
Other agencies:									
Agency for International Dvlpmt	219	0	0	0	89	0	0	0	130
Consumer Product Safety Commission	676	0	0	0	0	0	0	0	676
Environmental Protection Agency	54,020	0	0	32,283	15,810	845	3,765	376	941
Federal Communications Commission	1,199	0	0	0	0	1,199	0	0	0
National Aeronautics & Space Admin	1,003,574	499,556	438,017	4,885	0	9,951	5,176	26,428	19,561
National Science Foundation	49,675	130	0	11,767	4,953	11,091	7,411	3,416	10,907
Nuclear Regulatory Commission	119,049	0	0	0	0	0	0	0	119,049
Tennessee Valley Authority	2,769	0	0	2,769	0	0	0	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-67. Estimated Federal obligations for applied research in engineering, by agency and detailed field of engineering: fiscal year 1993

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Total	Aero-nautical	Astro-nautical	Chemical	Civil	Elec-trical	Mechan-ical	Metallurgy and materials	Engi-neering, n.e.c.
Total, all agencies	4,432,092	802,641	490,364	235.574	382,597	734,732	392,446	417,014	976,724
Departments:									
Department of Agriculture, total	44,735	0	0	4,788	3,990	427	2,697	0	32,833
Agricultural Research Service	5,580	0	0	3,466	1,374	385	326	0	29
Cooperative State Research Svc	19,314	0	0	0	0	0	0	0	19,314
Forest Service	19,841	0	0	1,322	2,616	42	2,371	0	13,490
Department of Commerce, total	100,385	0	0	5,104	9,207	26,449	4,734	25,248	29,643
National Institute of Standards & Technology	89,338	0	0	5,104	9,171	20,911	4,734	25,248	24,170
National Oceanic & Atmospheric Administration	6,943	0	0	0	36	1,434	0	0	5,473
National Telecommunications & Information Administration	4,104	0	0	0	0	4,104	0	0	0
Department of Defense, total	2,012,737	168,568	121,244	31,198	182,427	616,089	303,406	324,489	265,316
Department of the Army	488,030	54,963	2,785	18,896	44,616	175,352	140,812	26,384	24,222
Department of the Navy	377,876	9,447	59,251	9,447	17,533	135,318	80,411	64,012	2,457
Department of the Air Force	445,915	91,269	56,784	2,425	0	130,907	80,503	20,729	63,298
Defense agencies	700,916	12,889	2,424	430	120,278	174,512	1,680	213,364	175,339
Department of Education	5,246	0	0	0	0	0	0	0	5,246
Department of Energy	627,174	0	0	114,735	30,163	42,439	28,348	5,933	405,556
Dept of Health & Human Svcs, total	29,988	0	0	0	0	0	0	0	29,988
National Institutes of Health 1/	29,988	0	0	0	0	0	0	0	29,988
Department of Housing & Urban Dvlpmt	317	0	0	0	0	0	0	0	317
Department of the Interior, total	74,303	0	0	9,571	2,997	580	1,300	18,322	41,533
Bureau of Mines	59,627	0	0	0	0	0	0	18,170	41,457
Bureau of Reclamation	3,208	0	0	700	1,648	460	300	100	0
Geological Survey	7,753	0	0	6,433	1,000	120	200	0	0
Minerals Management Service	3,715	0	0	2,438	349	0	800	52	76

See explanatory information, if any, and SOURCE at end of table.

Table C-67. Estimated Federal obligations for applied research in engineering, by agency and detailed field of engineering: fiscal year 1993

[Dollars in thousands]

Page 2 of 2

Agency and subdivision	Total	Aero-nautical	Astro-nautical	Chemical	Civil	Elec-trical	Mechan-ical	Metallurgy and materials	Engi-neering, n.e.c.
Department of Justice, total	400	0	0	0	0	200	200	0	0
Immigration & Naturalization Svc	400	0	0	0	0	200	200	0	0
Department of Transportation, total	204,366	15,293	290	10,450	130,264	7,583	27,456	10,364	2,666
Coast Guard	4,515	0	0	0	723	1,987	994	811	0
Federal Aviation Administration	27,854	15,243	0	987	0	2,503	2,029	7,092	0
Federal Highway Administration	127,752	0	0	8,945	114,252	505	2,107	1,943	0
Federal Railroad Administration	19,152	0	0	518	7,505	2,588	7,247	518	776
Federal Transit Administration 2/	6,000	0	0	0	6,000	0	0	0	0
Maritime Administration	1,684	0	0	0	1,684	0	0	0	0
National Highway Traffic Safety Administration	16,754	0	0	0	0	0	15,079	0	1,675
Office of the Secretary	415	50	290	0	0	0	0	0	75
Research & Special Programs Administration	240	0	0	0	100	0	0	0	140
Department of Veterans Affairs	5,809	0	0	0	0	0	0	0	5,809
Other agencies:									
Agency for International Dvlpmt	926	0	0	0	800	0	0	0	126
Consumer Product Safety Commission	420	0	0	0	0	0	0	0	420
Environmental Protection Agency	61,200	0	0	36,600	17,900	1,000	4,300	300	1,100
Federal Communications Commission	1,208	0	0	0	0	1,208	0	0	0
National Aeronautics & Space Admin	1,081,772	618,650	368,830	7,438	0	23,505	9,998	29,129	24,222
National Science Foundation	57,447	130	0	12,909	4,849	14,052	10,007	3,229	12,271
Nuclear Regulatory Commission	119,678	0	0	0	0	0	0	0	119,678
Tennessee Valley Authority	2,781	0	0	2,781	0	0	0	0	0
United States Information Agency	1,200	0	0	0	0	1,200	0	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

2/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-68. Estimated Federal obligations for applied research in engineering, by agency and detailed field of engineering: fiscal year 1994

[Dollars in thousands]

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Agency and subdivision	Total	Aero-nautical	Astro-nautical	Chemical	Civil	Elec-trical	Mechan-ical	Metallurgy and materials	Engi-neering, n.e.c.
Total, all agencies	4,567,537	1,007,064	574,834	250,020	378,086	647,751	259,470	503,525	946,787
Departments:									
Department of Agriculture, total	43,845	0	0	5,049	4,411	440	3,063	0	30,882
Agricultural Research Service	5,674	0	0	3,526	1,397	391	331	0	29
Cooperative State Research Svc	15,308	0	0	0	0	0	0	0	15,308
Forest Service	22,863	0	0	1,523	3,014	49	2,732	0	15,545
Department of Commerce, total	131,641	0	0	6,935	12,758	34,108	8,744	33,736	35,360
National Institute of Standards & Technology	119,601	0	0	6,935	12,722	27,332	8,744	33,736	30,132
National Oceanic & Atmospheric Administration	6,815	0	0	0	36	1,551	0	0	5,228
National Telecommunications & Information Administration	5,225	0	0	0	0	5,225	0	0	0
Department of Defense, total	1,792,064	192,620	120,529	21,624	183,984	504,054	163,524	374,025	231,704
Department of the Army	379,995	36,908	2,031	10,433	59,495	152,708	80,308	16,742	21,370
Department of the Navy	320,474	8,012	50,250	8,012	14,870	114,761	68,197	54,289	2,063
Department of the Air Force	484,923	136,947	66,910	2,815	0	124,090	14,514	96,967	42,680
Defense agencies	606,672	10,753	1,338	364	109,619	112,495	505	206,027	165,571
Department of Education	5,375	0	0	0	0	0	0	0	5,375
Department of Energy	604,878	0	0	117,959	37,041	42,967	21,833	10,688	374,390
Dept of Health & Human Svcs, total	30,810	0	0	0	0	0	0	0	30,810
National Institutes of Health 1/	30,810	0	0	0	0	0	0	0	30,810
Department of Housing & Urban Dvlpmt	84	0	0	0	0	0	0	0	84
Department of the Interior, total	66,828	0	0	10,375	3,024	683	808	17,444	34,494
Bureau of Mines	51,591	0	0	0	0	0	0	17,159	34,432
Bureau of Reclamation	3,100	0	0	600	1,580	570	250	100	0
Geological Survey	8,414	0	0	7,163	950	113	188	0	0
Minerals Management Service	3,723	0	0	2,612	494	0	370	185	62

See explanatory information, if any, and SOURCE at end of table.

Table C-68. Estimated Federal obligations for applied research in engineering, by agency and detailed field of engineering: fiscal year 1994

[Dollars in thousands]

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Agency and subdivision	Total	Aero-nautical	Astro-nautical	Chemical	Civil	Elec-trical	Mechan-ical	Metallurgy and materials	Engi-neering, n.e.c.
Department of Justice, total	400	0	0	0	0	200	200	0	0
Immigration & Naturalization Svc	400	0	0	0	0	200	200	0	0
Department of Transportation, total	178,643	8,547	347	10,384	103,016	5,734	35,239	11,787	3,589
Coast Guard	3,118	0	0	0	512	1,352	686	568	0
Federal Aviation Administration	39,652	8,497	0	2,845	56	2,012	15,495	9,223	1,524
Federal Highway Administration	102,112	0	0	7,259	91,157	410	1,710	1,576	0
Federal Railroad Administration	11,060	0	0	280	3,500	1,960	4,480	420	420
Federal Transit Administration 2/	6,000	0	0	0	6,000	0	0	0	0
Maritime Administration	1,691	0	0	0	1,691	0	0	0	0
National Highway Traffic Safety Administration	14,298	0	0	0	0	0	12,868	0	1,430
Office of the Secretary	472	50	347	0	0	0	0	0	75
Research & Special Programs Administration	240	0	0	0	100	0	0	0	140
Department of Veterans Affairs	4,692	0	0	0	0	0	0	0	4,692
Other agencies:									
Agency for International Dvlpmt	954	0	0	0	800	0	0	0	154
Consumer Product Safety Commission	47	0	0	0	0	0	0	0	47
Environmental Protection Agency	85,700	0	0	47,900	28,200	1,000	3,800	300	4,500
Federal Communications Commission	1,037	0	0	0	0	1,037	0	0	0
National Aeronautics & Space Admin	1,431,591	805,767	453,958	12,511	0	41,301	11,018	52,013	55,023
National Science Foundation	63,114	130	0	14,199	4,852	15,571	11,241	3,532	13,589
Nuclear Regulatory Commission	122,094	0	0	0	0	0	0	0	122,094
Tennessee Valley Authority	3,084	0	0	3,084	0	0	0	0	0
United States Information Agency	656	0	0	0	0	656	0	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

2/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-69. Federal obligations for applied research in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

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Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Total, all agencies	678,869	90,486	524,046	64,337	549,838	3,053	172,261	16,122	70,486	287,916
Departments:										
Department of Agriculture, total	12,444	10,780	1,664	0	97,000	18	88,994	0	7,988	0
Agricultural Cooperative Service	0	0	0	0	3,444	0	3,444	0	0	0
Agricultural Research Service	1,776	112	1,664	0	10	0	10	0	0	0
Cooperative State Research Svc	0	0	0	0	35,633	0	29,249	0	6,384	0
Economic Research Service	0	0	0	0	50,631	0	49,517	0	1,114	0
Forest Service	8,260	8,260	0	0	7,282	18	6,774	0	490	0
Nat'l Agricultural Statistics Svc	2,408	2,408	0	0	0	0	0	0	0	0
Department of Commerce, total	33,792	11,252	19,148	3,392	16,165	0	4,812	6,389	4,737	227
Bureau of the Census	1,537	1,334	203	0	628	0	343	285	0	0
Economic Development Admin	0	0	0	0	500	0	500	0	0	0
National Institute of Standards & Technology	16,729	2,766	10,571	3,392	225	0	225	0	0	0
National Oceanic & Atmospheric Administration	15,526	7,152	8,374	0	14,812	0	3,744	6,104	4,737	227
Department of Defense, total	387,997	32,809	335,283	19,905	2,132	652	888	0	592	0
Department of the Army	82,178	5,348	66,427	10,403	1,921	441	888	0	592	0
Department of the Navy	17,167	480	15,813	874	0	0	0	0	0	0
Department of the Air Force	45,666	26,521	19,145	0	211	211	0	0	0	0
Defense agencies	242,986	460	233,898	8,628	0	0	0	0	0	0
Department of Education	1,316	0	0	1,316	92,307	0	0	0	1,842	90,465
Department of Energy	120,763	0	91,552	29,211	135	0	135	0	0	0
Dept of Health & Human Svcs, total	8,155	7,139	501	515	215,163	0	8,785	249	43,850	162,279
Administration on Aging 1/	0	0	0	0	2,459	0	0	0	0	2,459
Admin for Children & Families 1/ 2/	0	0	0	0	34,347	0	0	0	0	34,347
Agency for Health Care Policy & Research 3/	1,485	920	50	515	50,274	0	5,799	0	42,108	2,367
Health Care Financing Admin	0	0	0	0	75,491	0	0	0	0	75,491
National Institutes of Health 4/	6,670	6,219	451	0	14,615	0	0	0	0	14,615
Office of the Secretary	0	0	0	0	4,977	0	2,986	249	1,742	0
Social Security Administration	0	0	0	0	33,000	0	0	0	0	33,000
Department of Housing & Urban Dvlpmt	188	0	188	0	7,374	0	6,811	17	253	293
Department of the Interior, total	11,778	2,056	9,722	0	3,998	1,535	0	0	1,400	1,063
Bureau of Land Management	0	0	0	0	35	35	0	0	0	0
Geological Survey	11,618	2,056	9,562	0	150	0	0	0	0	150
National Park Service	160	0	160	0	3,813	1,500	0	0	1,400	913

See explanatory information, if any, and SOURCE at end of table.

Table C-69. Federal obligations for applied research in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

Page 2 of 2

Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Department of Justice, total	500	300	200	0	11,938	200	600	700	4,000	6,438
Bureau of Prisons 5/	0	0	0	0	2,000	100	100	0	1,600	200
Office of Justice Programs	500	300	200	0	9,938	100	500	700	2,400	6,238
Department of Labor, total	0	0	0	0	23,590	0	23,014	0	0	576
Bureau of Labor Statistics	0	0	0	0	7,600	0	7,600	0	0	0
Employment & Training Admin	0	0	0	0	5,440	0	5,440	0	0	0
Occupational Safety & Health Administration	0	0	0	0	3,094	0	3,094	0	0	0
Office of the Secretary	0	0	0	0	4,118	0	3,542	0	0	576
Pension Benefit Guaranty Corp	0	0	0	0	788	0	788	0	0	0
Pension & Welfare Benefit Admin	0	0	0	0	2,550	0	2,550	0	0	0
Department of State	0	0	0	0	685	1	244	144	8	288
Department of Transportation, total	20,259	914	14,438	4,907	16,933	0	6,769	316	3,886	5,962
Coast Guard	1,264	0	1,264	0	0	0	0	0	0	0
Federal Aviation Administration	7,864	135	7,729	0	0	0	0	0	0	0
Federal Highway Administration	5,709	779	4,930	0	8,710	0	2,957	316	0	5,437
Federal Railroad Administration	0	0	0	0	3,772	0	3,772	0	0	0
National Highway Traffic Safety Administration	4,907	0	0	4,907	3,886	0	0	0	3,886	0
Office of the Secretary	0	0	0	0	40	0	40	0	0	0
Research & Special Programs Administration	515	0	515	0	525	0	0	0	0	525
Department of the Treasury, total	8,897	7,562	1,335	0	5,863	0	4,096	0	0	1,767
Internal Revenue Service 6/	8,897	7,562	1,335	0	5,048	0	3,281	0	0	1,767
Office of Thrift Supervision 7/	0	0	0	0	815	0	815	0	0	0
Other agencies:										
Advisory Commission on Intergovernmental Relations	0	0	0	0	1,730	0	865	865	0	0
Agency for International Dvlpmt	4,200	0	4,200	0	28,123	0	8,544	5,154	411	14,014
Appalachian Regional Commission	0	0	0	0	1,900	0	0	0	0	1,900
Environmental Protection Agency	847	0	847	0	0	0	0	0	0	0
Federal Communications Commission	115	0	115	0	334	0	294	0	0	40
Federal Trade Commission	0	0	0	0	1,285	0	1,285	0	0	0
National Aeronautics & Space Admin	45,271	15,684	25,163	4,424	0	0	0	0	0	0
National Archives & Records Admin	10	10	0	0	0	0	0	0	0	0
National Science Foundation	22,102	1,905	19,530	667	8,614	647	3,279	565	1,519	2,604
Tennessee Valley Authority	0	0	0	0	566	0	566	0	0	0
US Arms Control & Disarmament Agency	235	75	160	0	1,723	0	0	1,723	0	0
US International Trade Commission	0	0	0	0	12,280	0	12,280	0	0	0

1/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

2/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

3/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

4/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

5/ Formerly listed as Federal Prison System

6/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

7/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-70. Estimated Federal obligations for applied research in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Total, all agencies	817,649	115,103	604,046	98,500	549,683	2,938	172,579	12,481	77,518	284,167
Departments:										
Department of Agriculture, total	12,822	11,063	1,759	0	97,323	18	89,307	0	7,998	0
Agricultural Cooperative Service	0	0	0	0	3,518	0	3,518	0	0	0
Agricultural Research Service	1,892	133	1,759	0	9	0	9	0	0	0
Cooperative State Research Svc	0	0	0	0	35,607	0	29,230	0	6,377	0
Economic Research Service	0	0	0	0	50,675	0	49,560	0	1,115	0
Forest Service	8,522	8,522	0	0	7,514	18	6,990	0	506	0
Nat'l Agricultural Statistics Svc	2,408	2,408	0	0	0	0	0	0	0	0
Department of Commerce, total	41,867	12,099	25,023	4,745	15,268	0	4,250	839	5,479	4,700
Bureau of the Census	1,709	1,483	226	0	699	0	382	317	0	0
National Institute of Standards & Technology	25,232	3,751	16,736	4,745	215	0	215	0	0	0
National Oceanic & Atmospheric Administration	14,926	6,865	8,061	0	14,354	0	3,653	522	5,479	4,700
Department of Defense, total	483,527	52,217	402,865	28,445	1,273	548	435	0	290	0
Department of the Army	90,826	8,193	68,486	14,147	879	154	435	0	290	0
Department of the Navy	21,741	609	20,025	1,107	0	0	0	0	0	0
Department of the Air Force	52,379	32,770	19,609	0	394	394	0	0	0	0
Defense agencies	318,581	10,645	294,745	13,191	0	0	0	0	0	0
Department of Education	2,623	0	0	2,623	97,048	0	0	0	1,883	95,165
Department of Energy	131,909	0	95,134	36,775	129	0	129	0	0	0
Dept of Health & Human Svcs, total	9,883	8,562	581	740	207,991	0	10,755	402	48,078	148,756
Administration on Aging 1/	0	0	0	0	2,456	0	0	0	0	2,456
Admin for Children & Families 1/ 2/	0	0	0	0	17,795	0	0	0	0	17,795
Agency for Health Care Policy & Research 3/	2,113	1,310	63	740	53,882	0	5,927	0	45,261	2,694
Health Care Financing Admin	0	0	0	0	68,700	0	0	0	0	68,700
National Institutes of Health 4/	7,770	7,252	518	0	17,011	0	0	0	0	17,011
Office of the Secretary	0	0	0	0	8,047	0	4,828	402	2,817	0
Social Security Administration	0	0	0	0	40,100	0	0	0	0	40,100
Department of Housing & Urban Dvlpmt	145	0	145	0	7,738	0	7,282	0	89	367
Department of the Interior, total	12,640	1,928	10,712	0	4,935	1,835	0	0	2,000	1,100
Bureau of Land Management	0	0	0	0	35	35	0	0	0	0
Geological Survey	12,140	1,928	10,212	0	100	0	0	0	0	100
National Park Service	500	0	500	0	4,800	1,800	0	0	2,000	1,000

See explanatory information, if any, and SOURCE at end of table.

Table C-70. Estimated Federal obligations for applied research in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

Page 2 of 2

Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Department of Justice, total	400	200	200	0	11,628	300	500	600	4,600	5,628
Bureau of Prisons 5/	0	0	0	0	2,000	100	100	0	1,600	200
Office of Justice Programs	400	200	200	0	9,628	200	400	600	3,000	5,428
Department of Labor, total	0	0	0	0	19,871	0	19,871	0	0	0
Bureau of Labor Statistics	0	0	0	0	6,900	0	6,900	0	0	0
Employment & Training Admin	0	0	0	0	3,249	0	3,249	0	0	0
Occupational Safety & Health Administration	0	0	0	0	3,737	0	3,737	0	0	0
Office of the Secretary	0	0	0	0	2,832	0	2,832	0	0	0
Pension Benefit Guaranty Corp	0	0	0	0	573	0	573	0	0	0
Pension & Welfare Benefit Admin	0	0	0	0	2,580	0	2,580	0	0	0
Department of State	0	0	0	0	496	2	40	150	5	299
Department of Transportation, total	30,460	8,987	15,327	6,146	28,712	0	11,559	2,015	5,058	10,080
Coast Guard	2,169	0	2,169	0	0	0	0	0	0	0
Federal Aviation Administration	7,422	4,773	2,649	0	0	0	0	0	0	0
Federal Highway Administration	14,290	4,214	10,076	0	18,448	0	6,353	2,015	0	10,080
Federal Railroad Administration	0	0	0	0	5,176	0	5,176	0	0	0
National Highway Traffic Safety Administration	6,006	0	0	6,006	5,058	0	0	0	5,058	0
Office of the Secretary	0	0	0	0	30	0	30	0	0	0
Research & Special Programs Administration	573	0	433	140	0	0	0	0	0	0
Department of the Treasury, total	0	0	0	0	829	0	829	0	0	0
Office of Thrift Supervision 6/	0	0	0	0	829	0	829	0	0	0
Other agencies:										
Advisory Commission on Intergovernmental Relations	0	0	0	0	2,483	0	1,241	1,242	0	0
Agency for International Dvlpmt	4,550	0	4,550	0	27,519	0	8,345	5,618	435	13,121
Appalachian Regional Commission	0	0	0	0	900	0	0	0	0	900
Environmental Protection Agency	1,000	0	1,000	0	0	0	0	0	0	0
Federal Communications Commission	123	0	123	0	507	0	507	0	0	0
Federal Trade Commission	0	0	0	0	848	0	848	0	0	0
National Aeronautics & Space Admin	59,221	18,291	23,781	17,149	0	0	0	0	0	0
National Science Foundation	26,479	1,756	22,846	1,877	10,084	235	3,580	615	1,603	4,051
Tennessee Valley Authority	0	0	0	0	568	0	568	0	0	0
US Arms Control & Disarmament Agency	0	0	0	0	1,000	0	0	1,000	0	0
US International Trade Commission	0	0	0	0	12,533	0	12,533	0	0	0

1/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

2/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

3/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

4/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

5/ Formerly listed as Federal Prison System

6/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-71. Estimated Federal obligations for applied research in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Total, all agencies	869,381	116,614	636,179	116,588	557,169	2,877	177,739	15,122	4,699	276,732
Departments:										
Department of Agriculture, total	14,203	12,414	1,789	0	88,342	21	80,597	0	7,724	0
Agricultural Cooperative Service	0	0	0	0	3,576	0	3,576	0	0	0
Agricultural Research Service	1,924	135	1,789	0	9	0	9	0	0	0
Cooperative State Research Svc	0	0	0	0	31,843	0	25,676	0	6,167	0
Economic Research Service	0	0	0	0	44,256	0	43,282	0	974	0
Forest Service	9,820	9,820	0	0	8,658	21	8,054	0	583	0
Nat'l Agricultural Statistics Svc	2,459	2,459	0	0	0	0	0	0	0	0
Department of Commerce, total	54,939	15,853	32,714	6,372	16,129	0	4,900	6,329	4,701	199
Bureau of the Census	1,747	1,516	231	0	715	0	391	324	0	0
Economic Development Admin	0	0	0	0	500	0	500	0	0	0
National Institute of Standards & Technology	37,695	7,197	24,126	6,372	297	0	297	0	0	0
National Oceanic & Atmospheric Administration	15,497	7,140	8,357	0	14,617	0	3,712	6,005	4,701	199
Department of Defense, total	487,753	47,069	432,641	8,043	1,553	362	715	0	476	0
Department of the Army	45,246	4,157	38,308	2,781	1,191	0	715	0	476	0
Department of the Navy	18,438	517	16,983	938	0	0	0	0	0	0
Department of the Air Force	54,974	32,434	22,540	0	362	362	0	0	0	0
Defense agencies	369,095	9,961	354,810	4,324	0	0	0	0	0	0
Department of Education	2,687	0	0	2,687	105,564	0	0	0	1,924	103,640
Department of Energy	109,761	0	79,836	29,925	516	0	516	0	0	0
Dept of Health & Human Svcs, total	10,696	9,132	614	950	218,117	0	17,131	793	63,664	136,529
Administration on Aging 1/	0	0	0	0	2,474	0	0	0	0	2,474
Admin for Children & Families 1/ 2/	0	0	0	0	17,419	0	0	0	0	17,419
Agency for Health Care Policy & Research 3/	2,713	1,682	81	950	69,179	0	7,610	0	58,110	3,459
Health Care Financing Admin	0	0	0	0	68,600	0	0	0	0	68,600
National Institutes of Health 4/	7,983	7,450	533	0	17,477	0	0	0	0	17,477
Office of the Secretary	0	0	0	0	15,868	0	9,521	793	5,554	0
Social Security Administration	0	0	0	0	27,100	0	0	0	0	27,100
Department of Housing & Urban Dvlpmt	125	0	125	0	12,077	0	11,545	0	171	361
Department of the Interior, total	13,095	2,106	10,989	0	4,135	2,035	0	0	1,500	600
Bureau of Land Management	0	0	0	0	35	35	0	0	0	0
Geological Survey	12,895	2,106	10,789	0	100	0	0	0	0	100
National Park Service	200	0	200	0	4,000	2,000	0	0	1,500	500

See explanatory information, if any, and SOURCE at end of table.

Table C-71. Estimated Federal obligations for applied research in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

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Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Department of Justice, total	500	300	200	0	10,188	200	300	500	2,800	6,388
Bureau of Prisons 5/	0	0	0	0	2,000	100	100	0	1,600	200
Office of Justice Programs	500	300	200	0	8,188	100	200	500	1,200	6,188
Department of Labor, total	0	0	0	0	20,483	0	19,983	0	0	500
Bureau of Labor Statistics	0	0	0	0	7,000	0	7,000	0	0	0
Employment & Training Admin	0	0	0	0	3,249	0	3,249	0	0	0
Occupational Safety & Health Administration	0	0	0	0	3,765	0	3,765	0	0	0
Office of the Secretary	0	0	0	0	3,323	0	2,823	0	0	500
Pension Benefit Guaranty Corp	0	0	0	0	566	0	566	0	0	0
Pension & Welfare Benefit Admin	0	0	0	0	2,580	0	2,580	0	0	0
Department of State	0	0	0	0	508	2	40	150	5	311
Department of Transportation, total	30,175	7,277	17,632	5,266	17,863	0	7,962	1,607	0	8,294
Coast Guard	1,536	0	1,536	0	0	0	0	0	0	0
Federal Aviation Administration	8,817	3,857	4,960	0	0	0	0	0	0	0
Federal Highway Administration	14,286	3,420	10,866	0	11,676	0	6,092	1,607	0	3,977
Federal Railroad Administration	0	0	0	0	1,820	0	1,820	0	0	0
National Highway Traffic Safety Administration	5,126	0	0	5,126	4,317	0	0	0	0	4,317
Office of the Secretary	0	0	0	0	50	0	50	0	0	0
Research & Special Programs Administration	410	0	270	140	0	0	0	0	0	0
Department of the Treasury, total	0	0	0	0	854	0	854	0	0	0
Office of Thrift Supervision 6/	0	0	0	0	854	0	854	0	0	0
Other agencies:										
Advisory Commission on Intergovernmental Relations	0	0	0	0	1,939	0	969	970	0	0
Agency for International Dvlpmt	3,500	0	3,500	0	25,935	0	10,332	3,106	0	12,497
Appalachian Regional Commission	0	0	0	0	900	0	0	0	0	900
Environmental Protection Agency	3,500	0	3,500	0	1,600	0	1,600	0	0	0
Federal Communications Commission	123	0	123	0	585	0	585	0	0	0
Federal Trade Commission	0	0	0	0	876	0	876	0	0	0
National Aeronautics & Space Admin	107,671	20,009	27,178	60,484	0	0	0	0	0	0
National Science Foundation	30,653	2,454	25,338	2,861	13,084	257	3,913	667	1,734	6,513
Tennessee Valley Authority	0	0	0	0	630	0	630	0	0	0
US Arms Control & Disarmament Agency	0	0	0	0	1,000	0	0	1,000	0	0
US International Trade Commission	0	0	0	0	14,291	0	14,291	0	0	0

1/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

2/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

3/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

4/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

5/ Formerly listed as Federal Prison System

6/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-72. Federal obligations for development, by agency and performer: fiscal year 1992

[Dollars in thousands]

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Agency and subdivision	Total	Intramural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Total, all agencies	41,101,992	9,074,359	26,293,617	1,417,364	1,210,565	1,503,690	753,912	605,710	74,839	167,936
Departments:										
Department of Agriculture, total	66,116	63,637	0	0	1,857	0	267	0	14	341
Agricultural Marketing Service 2/	602	602	0	0	0	0	0	0	0	0
Agricultural Research Service	43,897	41,666	0	0	1,609	0	267	0	14	341
Animal & Plant Health Inspection Service	16,717	16,469	0	0	248	0	0	0	0	0
Forest Service	4,900	4,900	0	0	0	0	0	0	0	0
Department of Commerce, total	55,256	31,199	19,263	0	1,189	0	3,175	250	180	0
Bureau of the Census	1,964	1,964	0	0	0	0	0	0	0	0
National Institute of Standards & Technology	29,598	10,245	15,827	0	101	0	3,175	250	0	0
National Oceanic & Atmospheric Administration	23,694	18,990	3,436	0	1,088	0	0	0	180	0
Department of Defense, total	32,056,061	7,091,249	22,668,029	297,647	490,355	598,021	260,824	521,164	2,783	125,989
Department of the Army	5,921,493	2,122,564	3,481,794	17,631	32,857	172,428	50,691	31,864	28	11,636
Department of the Navy	7,138,000	2,662,566	4,008,262	136,437	188,471	2,781	56,345	60,123	0	23,015
Department of the Air Force	12,636,600	807,085	11,458,080	8,693	22,595	41,774	7,534	286,051	0	4,788
Defense agencies	6,114,351	1,397,975	3,601,416	134,886	243,659	379,871	144,498	125,946	2,108	83,992
Operational Test & Evaluation, Director	12,436	1,266	0	0	0	0	150	11,020	0	0
Test & Evaluation, Deputy Under Secretary Defense	233,181	99,793	118,477	0	2,773	1,167	1,606	6,160	647	2,558
Department of Education	41,527	2,611	2,614	0	17,232	0	18,787	0	283	0
Department of Energy	2,759,695	199,474	730,630	1,116,551	35,186	564,055	23,502	71,959	17,437	901
Dept of Health & Human Svcs, total	1,042,304	220,165	55,967	2,814	548,094	1,819	186,126	2,077	16,798	8,444
Administration on Aging 3/	17,776	624	0	0	730	0	8,722	0	7,700	0
Admin for Children & Families 3/ 4/	4,809	50	35	0	362	0	2,888	0	1,474	0
Agency for Health Care Policy & Research 5/	8,506	8,506	0	0	0	0	0	0	0	0
National Institutes of Health 6/	1,010,519	210,922	55,932	2,814	546,489	1,819	174,398	2,077	7,624	8,444
Office of the Assistant Secretary for Health	694	63	0	0	513	0	118	0	0	0
Department of Housing & Urban Dvlpmt	16,336	9,527	2,694	0	101	0	4,014	0	0	0
Department of the Interior, total	38,583	24,356	13,075	122	1,030	0	0	0	0	0
Bureau of Land Management	360	180	0	0	180	0	0	0	0	0
Bureau of Mines	4,230	3,401	707	122	0	0	0	0	0	0
Bureau of Reclamation	2,500	1,900	0	0	600	0	0	0	0	0
Geological Survey	16,893	4,900	11,743	0	250	0	0	0	0	0
Office of the Secretary	700	75	625	0	0	0	0	0	0	0
US Fish & Wildlife Service	13,900	13,900	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-72. Federal obligations for development, by agency and performer: fiscal year 1992

[Dollars in thousands]

Page 2 of 2

Agency and subdivision	Total	Intramural 1/	Extramural							
			United States and territories							
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	Foreign
Department of Justice, total	27,704	11,895	6,735	230	544	0	4,600	0	3,700	0
Bureau of Prisons 7/	3,400	675	25	0	0	0	0	0	2,700	0
Drug Enforcement Administration	1,300	290	780	230	0	0	0	0	0	0
Federal Bureau of Investigation	10,925	10,925	0	0	0	0	0	0	0	0
Office of Justice Programs	12,079	5	5,930	0	544	0	4,600	0	1,000	0
Department of Labor, total	27,901	1,633	2,954	0	593	0	4,190	0	18,531	0
Employment & Training Admin	26,066	1,250	2,100	0	500	0	3,700	0	18,516	0
Office of the Secretary	1,735	283	854	0	93	0	490	0	15	0
Pension Benefit Guaranty Corp	100	100	0	0	0	0	0	0	0	0
Department of Transportation, total	288,142	195,023	54,580	0	17,961	0	2,099	9,373	9,106	0
Coast Guard	15,044	10,823	4,221	0	0	0	0	0	0	0
Federal Aviation Administration	206,066	175,089	14,118	0	7,486	0	0	9,373	0	0
Federal Highway Administration	57,011	2,243	34,513	0	9,716	0	1,433	0	9,106	0
Federal Railroad Administration	3,862	2,403	793	0	0	0	666	0	0	0
Federal Transit Administration 8/	1,659	900	0	0	759	0	0	0	0	0
Office of the Secretary	3,391	2,773	618	0	0	0	0	0	0	0
Research & Special Programs Administration	1,109	792	317	0	0	0	0	0	0	0
Department of the Treasury, total	3,817	1,815	2,002	0	0	0	0	0	0	0
Bureau of Engraving & Printing	224	224	0	0	0	0	0	0	0	0
Financial Crimes Enforcement Network	1,203	1,203	0	0	0	0	0	0	0	0
Internal Revenue Service 9/	357	238	119	0	0	0	0	0	0	0
United States Customs Service	2,033	150	1,883	0	0	0	0	0	0	0
Department of Veterans Affairs	23,000	21,250	0	0	1,750	0	0	0	0	0
Other agencies:										
Agency for International Dvlpmt	65,868	172	579	0	3,539	0	45,499	0	0	16,079
Consumer Product Safety Commission	338	300	38	0	0	0	0	0	0	0
Environmental Protection Agency	79,600	11,048	24,178	0	15,793	0	25,423	0	3,158	0
Library of Congress	8,483	8,483	0	0	0	0	0	0	0	0
National Aeronautics & Space Admin	4,428,301	1,130,441	2,710,279	0	74,517	339,795	153,351	887	2,849	16,182
National Archives & Records Admin	80	80	0	0	0	0	0	0	0	0
Tennessee Valley Authority	72,880	50,001	0	0	824	0	22,055	0	0	0

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

4/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

5/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

6/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

7/ Formerly listed as Federal Prison System

8/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

9/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-73. Estimated Federal obligations for development, by agency and performer: fiscal year 1993

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Total	Intramural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Total, all agencies	43,993,248	9,798,243	29,161,096	661,675	1,259,957	1,122,305	1,036,429	671,347	126,820	155,376
Departments:										
Department of Agriculture, total	66,784	64,232	0	0	2,024	0	266	0	14	248
Agricultural Marketing Service 2/	619	619	0	0	0	0	0	0	0	0
Agricultural Research Service	43,835	41,683	0	0	1,624	0	266	0	14	248
Animal & Plant Health Inspection Service	16,830	16,430	0	0	400	0	0	0	0	0
Forest Service	5,500	5,500	0	0	0	0	0	0	0	0
Department of Commerce, total	103,014	59,065	35,316	0	4,248	738	3,175	250	222	0
Bureau of the Census	2,075	2,075	0	0	0	0	0	0	0	0
National Institute of Standards & Technology	61,094	31,062	26,506	0	101	0	3,175	250	0	0
National Oceanic & Atmospheric Administration	39,845	25,928	8,810	0	4,147	738	0	0	222	0
Department of Defense, total	34,111,117	7,612,896	24,372,628	145,363	435,714	387,847	471,031	567,159	2,868	115,611
Department of the Army	5,333,858	2,202,852	2,870,999	37,630	35,401	104,627	47,121	33,079	26	2,123
Department of the Navy	9,168,000	2,668,278	6,167,276	3,378	168,712	3,555	84,805	49,073	0	22,923
Department of the Air Force	12,910,500	701,431	11,731,428	8,553	38,171	50,118	29,003	347,826	0	3,970
Defense agencies	6,445,159	1,938,806	3,471,092	95,366	190,625	229,002	310,102	122,013	1,558	86,595
Operational Test & Evaluation, Director	12,000	700	0	0	0	0	0	11,300	0	0
Test & Evaluation, Deputy Under Secretary Defense	241,600	100,829	131,833	436	2,805	545	0	3,868	1,284	0
Department of Education	47,380	2,579	2,573	0	19,072	0	22,877	0	279	0
Department of Energy	2,983,921	254,449	1,559,894	512,650	41,033	487,870	14,180	94,801	18,115	929
Dept of Health & Human Svcs, total	1,203,203	258,691	65,961	3,338	627,045	2,134	216,465	2,462	17,148	9,959
Administration on Aging 3/	17,213	614	0	0	730	0	8,722	0	7,147	0
Admin for Children & Families 3/ 4/	3,267	33	24	0	277	0	1,906	0	1,027	0
Agency for Health Care Policy & Research 5/	9,187	9,187	0	0	0	0	0	0	0	0
National Institutes of Health 6/	1,172,536	248,757	65,937	3,338	625,338	2,134	205,637	2,462	8,974	9,959
Office of the Assistant Secretary for Health	1,000	100	0	0	700	0	200	0	0	0
Department of Housing & Urban Dvlpmt	17,035	9,619	5,229	0	0	0	2,187	0	0	0
Department of the Interior, total	39,035	27,081	10,912	224	818	0	0	0	0	0
Bureau of Land Management	923	500	0	0	423	0	0	0	0	0
Bureau of Mines	7,305	5,761	1,320	224	0	0	0	0	0	0
Bureau of Reclamation	2,400	2,245	0	0	155	0	0	0	0	0
Geological Survey	12,807	3,600	8,967	0	240	0	0	0	0	0
Office of the Secretary	700	75	625	0	0	0	0	0	0	0
US Fish & Wildlife Service	14,900	14,900	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-73. Estimated Federal obligations for development, by agency and performer: fiscal year 1993

[Dollars in thousands]

Page 2 of 2

Agency and subdivision	Total	Intramural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Department of Justice, total	27,457	11,560	6,632	100	826	0	4,739	0	3,600	0
Bureau of Prisons 7/	3,600	560	0	0	40	0	0	0	3,000	0
Drug Enforcement Administration	800	30	670	100	0	0	0	0	0	0
Federal Bureau of Investigation	10,670	10,670	0	0	0	0	0	0	0	0
Office of Justice Programs	12,387	300	5,962	0	786	0	4,739	0	600	0
Department of Labor, total	45,168	1,892	5,846	0	50	0	4,184	0	33,196	0
Employment & Training Admin	42,355	975	4,500	0	0	0	3,694	0	33,186	0
Office of the Secretary	2,708	812	1,346	0	50	0	490	0	10	0
Pension Benefit Guaranty Corp	105	105	0	0	0	0	0	0	0	0
Department of Transportation, total	413,509	181,092	136,694	0	19,701	0	30,253	5,780	39,989	0
Coast Guard	26,561	19,110	7,451	0	0	0	0	0	0	0
Federal Aviation Administration	201,480	140,531	53,524	0	1,645	0	0	5,780	0	0
Federal Highway Administration	145,071	12,654	68,400	0	17,156	0	29,472	0	17,389	0
Federal Railroad Administration	10,301	3,112	6,408	0	0	0	781	0	0	0
Federal Transit Administration 8/	24,000	500	0	0	900	0	0	0	22,600	0
Office of the Secretary	4,625	4,117	508	0	0	0	0	0	0	0
Research & Special Programs Administration	1,471	1,068	403	0	0	0	0	0	0	0
Department of the Treasury, total	5,646	1,737	3,909	0	0	0	0	0	0	0
Financial Crimes Enforcement Network	1,519	1,519	0	0	0	0	0	0	0	0
United States Customs Service	3,075	150	2,925	0	0	0	0	0	0	0
United States Mint	1,052	68	984	0	0	0	0	0	0	0
Department of Veterans Affairs	38,300	36,550	0	0	1,750	0	0	0	0	0
Other agencies:										
Agency for International Dvlpmt	91,217	51	1,322	0	3,522	0	73,760	0	0	12,562
Consumer Product Safety Commission	413	315	98	0	0	0	0	0	0	0
Environmental Protection Agency	78,900	9,400	39,400	0	11,000	0	10,500	0	8,600	0
Library of Congress	8,123	8,123	0	0	0	0	0	0	0	0
National Aeronautics & Space Admin	4,631,926	1,201,102	2,914,682	0	92,273	243,716	160,402	895	2,789	16,067
National Archives & Records Admin	30	30	0	0	0	0	0	0	0	0
Tennessee Valley Authority	81,070	57,779	0	0	881	0	22,410	0	0	0

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

4/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

5/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

6/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

7/ Formerly listed as Federal Prison System

8/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-74. Estimated Federal obligations for development, by agency and performer: fiscal year 1994

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Total, all agencies	43,119,853	9,838,310	28,593,171	657,707	1,237,620	1,029,877	776,013	719,987	113,406	153,762
Departments:										
Department of Agriculture, total	68,074	65,512	0	0	2,024	0	272	0	14	252
Agricultural Marketing Service 2/	626	626	0	0	0	0	0	0	0	0
Agricultural Research Service	44,323	42,161	0	0	1,624	0	272	0	14	252
Animal & Plant Health Inspection Service	16,725	16,325	0	0	400	0	0	0	0	0
Forest Service	6,400	6,400	0	0	0	0	0	0	0	0
Department of Commerce, total	153,563	87,124	61,582	0	880	500	2,930	250	297	0
Bureau of the Census	2,143	2,143	0	0	0	0	0	0	0	0
National Institute of Standards & Technology	116,053	61,510	51,103	0	260	0	2,930	250	0	0
National Oceanic & Atmospheric Administration	35,367	23,471	10,479	0	620	500	0	0	297	0
Department of Defense, total	33,106,968	7,651,083	23,820,531	106,915	397,118	270,803	160,571	584,156	2,960	112,831
Department of the Army	4,766,515	2,082,624	2,514,368	14,096	29,588	58,575	33,092	32,131	0	2,041
Department of the Navy	8,401,000	2,645,459	5,518,969	0	135,102	1,252	14,624	59,517	0	26,077
Department of the Air Force	12,981,900	694,781	11,783,646	13,464	33,688	54,876	33,059	365,156	0	3,230
Defense agencies	6,674,353	2,120,207	3,853,517	79,355	193,204	154,000	79,796	111,165	1,626	81,483
Operational Test & Evaluation, Director	12,600	975	0	0	0	0	0	11,625	0	0
Test & Evaluation, Deputy Under Secretary Defense	270,600	107,037	150,031	0	5,536	2,100	0	4,562	1,334	0
Department of Education	42,969	2,376	2,631	0	17,032	545	20,106	0	279	0
Department of Energy	3,068,732	277,634	1,639,154	538,862	47,780	401,665	17,855	126,057	19,040	685
Dept of Health & Human Svcs, total	1,238,158	270,878	69,164	3,501	636,630	2,238	225,254	2,583	17,465	10,445
Administration on Aging 3/	17,835	683	0	0	730	0	8,722	0	7,700	0
Admin for Children & Families 3/ 4/	1,124	11	8	0	95	0	657	0	353	0
Agency for Health Care Policy & Research 5/	9,186	9,186	0	0	0	0	0	0	0	0
National Institutes of Health 6/	1,209,013	260,898	69,156	3,501	635,105	2,238	215,675	2,583	9,412	10,445
Office of the Assistant Secretary for Health	1,000	100	0	0	700	0	200	0	0	0
Department of Housing & Urban Dvlpmt	22,674	10,906	8,193	0	101	0	3,474	0	0	0
Department of the Interior, total	43,529	32,533	10,246	0	630	120	0	0	0	0
Bureau of Land Management	875	500	0	0	375	0	0	0	0	0
Bureau of Mines	6,279	4,903	1,376	0	0	0	0	0	0	0
Bureau of Reclamation	1,000	880	0	0	0	120	0	0	0	0
Geological Survey	11,975	3,475	8,245	0	255	0	0	0	0	0
Office of the Secretary	700	75	625	0	0	0	0	0	0	0
US Fish & Wildlife Service	22,700	22,700	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-74. Estimated Federal obligations for development, by agency and performer: fiscal year 1994

[Dollars in thousands]

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Agency and subdivision	Total	Intramural 1/	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Department of Justice, total	28,386	11,566	6,870	300	695	0	5,355	0	3,600	0
Bureau of Prisons 7/	3,500	500	0	0	0	0	0	0	3,000	0
Drug Enforcement Administration	1,800	50	1,450	300	0	0	0	0	0	0
Federal Bureau of Investigation	10,716	10,716	0	0	0	0	0	0	0	0
Office of Justice Programs	12,370	300	5,420	0	695	0	5,355	0	600	0
Department of Labor, total	44,904	1,914	5,540	0	50	0	4,220	0	33,180	0
Employment & Training Admin	42,355	975	4,500	0	0	0	3,700	0	33,180	0
Office of the Secretary	2,208	814	824	0	50	0	520	0	0	0
Pension Benefit Guaranty Corp	341	125	216	0	0	0	0	0	0	0
Department of Transportation, total	406,547	169,677	153,600	8,129	20,884	0	22,652	5,972	25,633	0
Coast Guard	18,442	13,268	5,174	0	0	0	0	0	0	0
Federal Aviation Administration	196,963	132,331	51,965	0	6,695	0	0	5,972	0	0
Federal Highway Administration	113,959	7,567	65,407	8,129	13,189	0	16,534	0	3,133	0
Federal Railroad Administration	47,067	11,163	29,786	0	0	0	6,118	0	0	0
Federal Transit Administration 8/	24,000	500	0	0	1,000	0	0	0	22,500	0
Office of the Secretary	3,806	3,171	635	0	0	0	0	0	0	0
Research & Special Programs Administration	2,310	1,677	633	0	0	0	0	0	0	0
Department of the Treasury, total	6,284	2,184	4,100	0	0	0	0	0	0	0
Financial Crimes Enforcement Network	1,884	1,884	0	0	0	0	0	0	0	0
United States Customs Service	4,250	150	4,100	0	0	0	0	0	0	0
United States Mint	150	150	0	0	0	0	0	0	0	0
Department of Veterans Affairs	32,300	30,550	0	0	1,750	0	0	0	0	0
Other agencies:										
Agency for International Dvlpmt	138,776	33	940	0	4,123	0	119,498	0	0	14,182
Consumer Product Safety Commission	233	120	113	0	0	0	0	0	0	0
Environmental Protection Agency	79,000	8,000	39,600	0	11,600	0	11,500	0	8,300	0
Library of Congress	8,124	8,124	0	0	0	0	0	0	0	0
National Aeronautics & Space Admin	4,540,890	1,141,854	2,770,907	0	95,323	354,006	159,826	969	2,638	15,367
National Archives & Records Admin	30	30	0	0	0	0	0	0	0	0
Tennessee Valley Authority	89,712	66,212	0	0	1,000	0	22,500	0	0	0

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

4/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

5/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

6/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

7/ Formerly listed as Federal Prison System

8/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-75. Federal funds for R&D plant, by agency: fiscal years 1992, 1993, and 1994

[Dollars in thousands]

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Agency and subdivision	Obligations			Outlays		
	1992	Estimates		1992	Estimates	
		1993	1994		1993	1994
Total, all agencies	2,984,594	3,858,386	3,192,273	2,784,510	3,543,809	3,585,354
Departments:						
Department of Agriculture, total	164,721	197,414	94,572	136,767	162,792	134,191
Agricultural Research Service	98,092	123,341	86,900	69,379	99,092	75,847
Animal & Plant Health Inspection Service	0	0	2,672	0	0	2,672
Cooperative State Research Service	63,029	69,073	0	60,188	59,000	50,672
Forest Service	3,600	5,000	5,000	7,200	4,700	5,000
Department of Commerce, total	21,045	131,202	79,154	21,288	29,574	19,724
National Institute of Standards & Technology	11,174	116,856	68,688	11,417	15,228	9,258
National Oceanic & Atmospheric Administration	9,871	14,346	10,466	9,871	14,346	10,466
Department of Defense, total	396,507	518,579	260,500	410,857	479,271	372,464
Department of the Army	22,000	20,000	36,000	22,000	18,000	24,000
Military functions	22,000	20,000	36,000	22,000	18,000	24,000
Department of the Navy	96,000	35,000	70,000	111,000	70,000	50,000
Department of the Air Force	179,730	249,500	106,300	186,250	238,200	173,500
Defense agencies	98,777	214,079	48,200	91,607	153,071	124,964
Department of Education	2,394	2,222	1,809	2,524	12,716	2,982
Department of Energy	1,320,787	1,424,261	1,471,480	1,198,000	1,415,392	1,722,250
Department of Health & Human Services, total	96,741	375,550	159,200	96,741	375,550	232,215
Food & Drug Administration	14,309	34,018	29,550	14,309	34,018	29,550
Health Resources & Services Administration	325	700	725	325	700	725
National Institutes of Health 1/	82,107	340,832	128,925	82,107	340,832	201,940
Department of the Interior, total	18,425	21,050	18,067	17,813	20,695	13,036
Geological Survey	4,325	3,758	16,355	4,380	3,953	11,353
Minerals Management Service	1,000	992	992	733	942	993
United States Fish & Wildlife Service	13,100	16,300	720	12,700	15,800	690
Department of Transportation, total	25,269	40,900	34,911	17,095	25,064	31,016
Coast Guard	400	400	411	400	400	411
Federal Aviation Administration	24,000	28,000	29,000	15,867	21,000	25,000
Federal Highway Administration	792	10,385	4,200	0	2,394	4,402
Federal Railroad Administration	77	2,115	1,300	828	1,270	1,203
Department of the Treasury, total	125	152	154	125	152	154
United States Customs Service	100	125	125	100	125	125
United States Secret Service 2/	25	27	29	25	27	29
Department of Veterans Affairs	5,700	9,300	10,300	5,500	6,500	8,600
Other agencies:						
General Services Administration	6,451	950	0	20,937	12,507	4,136
National Aeronautics & Space Administration	817,795	990,757	871,649	770,158	836,650	874,666
National Science Foundation	101,570	137,903	185,357	80,900	162,600	168,600
Smithsonian Institution	3,826	5,000	5,000	1,160	1,200	1,200
Tennessee Valley Authority	3,238	3,146	120	4,645	3,146	120

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

2/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-76. Federal obligations for R&D plant, by agency and performer of the research and development the plant supports: fiscal year 1992

[Dollars in thousands]

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Agency and subdivision	Total	Intramural	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Total, all agencies	2,984,594	506,248	1,014,439	202,223	241,504	579,492	393,925	46,271	492	0
Departments:										
Department of Agriculture, total	164,721	103,733	1,406	0	58,272	0	1,310	0	0	0
Agricultural Research Service	98,092	98,092	0	0	0	0	0	0	0	0
Cooperative State Research Svc	63,029	2,041	1,406	0	58,272	0	1,310	0	0	0
Forest Service	3,600	3,600	0	0	0	0	0	0	0	0
Department of Commerce, total	21,045	6,920	13,903	0	222	0	0	0	0	0
National Institute of Standards & Technology	11,174	6,420	4,532	0	222	0	0	0	0	0
National Oceanic & Atmospheric Administration	9,871	500	9,371	0	0	0	0	0	0	0
Department of Defense, total	396.507	253,315	110,192	0	33,000	0	0	0	0	0
Department of the Army	22,000	22,000	0	0	0	0	0	0	0	0
Department of the Navy	96,000	96,000	0	0	0	0	0	0	0	0
Department of the Air Force	179,730	107,838	71,892	0	0	0	0	0	0	0
Defense agencies	98,777	27,477	38,300	0	33,000	0	0	0	0	0
Department of Education	2,394	1	0	0	2,393	0	0	0	0	0
Department of Energy	1,320,787	6,660	77,295	202,223	50,755	559,378	378,205	46,271	0	0
Dept of Health & Human Svcs, total	96,741	80,244	0	0	13,995	0	2,410	0	92	0
Food & Drug Administration	14,309	14,309	0	0	0	0	0	0	0	0
Health Resources & Svcs Admin	325	325	0	0	0	0	0	0	0	0
National Institutes of Health 1/	82,107	65,610	0	0	13,995	0	2,410	0	92	0
Department of the Interior, total	18,425	13,100	5,325	0	0	0	0	0	0	0
Geological Survey	4,325	0	4,325	0	0	0	0	0	0	0
Minerals Management Service	1,000	0	1,000	0	0	0	0	0	0	0
US Fish & Wildlife Service	13,100	13,100	0	0	0	0	0	0	0	0
Department of Transponation, total	25,269	24,077	0	0	792	0	0	0	400	0
Coast Guard	400	0	0	0	0	0	0	0	400	0
Federal Aviation Administration	24,000	24,000	0	0	0	0	0	0	0	0
Federal Highway Administration	792	0	0	0	792	0	0	0	0	0
Federal Railroad Administration	77	77	0	0	0	0	0	0	0	0
Department of the Treasury, total	125	125	0	0	0	0	0	0	0	0
United States Customs Service	100	100	0	0	0	0	0	0	0	0
United States Secret Service 2/	25	25	0	0	0	0	0	0	0	0
Department of Veterans Affairs	5,700	5,700	0	0	0	0	0	0	0	0
Other agencies:										
General Services Administration	6,451	0	0	0	6,451	0	0	0	0	0
National Aeronautics & Space Admin	817,795	4,309	803,798	0	1,133	8,555	0	0	0	0
National Science Foundation	101,570	1,000	2,520	0	74,491	11,559	12,000	0	0	0
Smithsonian Institution	3,826	3,826	0	0	0	0	0	0	0	0
Tennessee Valley Authority	3,238	3,238	0	0	0	0	0	0	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

2/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-77. Estimated Federal obligations for R&D plant, by agency and performer of the research and development the plant supports: fiscal year 1993

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Total	Intramural	Extramural							
			United States and territories							Foreign
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts	
Total, all agencies	3,858,386	792,482	1,287,208	195,221	491,108	590,652	411,003	58,208	400	32,104
Departments:										
Department of Agriculture, total	197,414	130,665	0	0	63,163	0	3,586	0	0	0
Agricultural Research Service	123,341	123,341	0	0	0	0	0	0	0	0
Cooperative State Research Svc	69,073	2,324	0	0	63,163	0	3,586	0	0	0
Forest Service	5,000	5,000	0	0	0	0	0	0	0	0
Department of Commerce, total	131,202	11,480	119,496	0	222	0	0	0	0	4
National Institute of Standards & Technology	116,856	9,480	107,150	0	222	0	0	0	0	4
National Oceanic & Atmospheric Administration	14,346	2,000	12,346	0	0	0	0	0	0	0
Department of Defense, total	518,579	204,700	138,900	0	174,979	0	0	0	0	0
Department of the Army	20,000	20,000	0	0	0	0	0	0	0	0
Department of the Navy	35,000	35,000	0	0	0	0	0	0	0	0
Department of the Air Force	249,500	149,700	99,800	0	0	0	0	0	0	0
Defense agencies	214,079	0	39,100	0	174,979	0	0	0	0	0
Department of Education	2,222	1	0	0	2,221	0	0	0	0	0
Department of Energy	1,424,261	5,684	79,720	195,221	128,799	564,292	392,337	58,208	0	0
Dept of Health & Human Svcs, total	375,550	367,948	0	0	7,602	0	0	0	0	0
Food & Drug Administration	34,018	34,018	0	0	0	0	0	0	0	0
Health Resources & Svcs Admin	700	700	0	0	0	0	0	0	0	0
National Institutes of Health 1/	340,832	333,230	0	0	7,602	0	0	0	0	0
Department of the Interior, total	21,050	16,300	4,750	0	0	0	0	0	0	0
Geological Survey	3,758	0	3,758	0	0	0	0	0	0	0
Minerals Management Service	992	0	992	0	0	0	0	0	0	0
US Fish & Wildlife Service	16,300	16,300	0	0	0	0	0	0	0	0
Department of Transportation, total	40,900	32,055	0	0	8,445	0	0	0	400	0
Coast Guard	400	0	0	0	0	0	0	0	400	0
Federal Aviation Administration	28,000	28,000	0	0	0	0	0	0	0	0
Federal Highway Administration	10,385	1,940	0	0	8,445	0	0	0	0	0
Federal Railroad Administration	2,115	2,115	0	0	0	0	0	0	0	0
Department of the Treasury, total	152	152	0	0	0	0	0	0	0	0
United States Customs Service	125	125	0	0	0	0	0	0	0	0
United States Secret Service 2/	27	27	0	0	0	0	0	0	0	0
Department of Veterans Affairs	9,300	9,300	0	0	0	0	0	0	0	0
Other agencies:										
General Services Administration	950	0	0	0	950	0	0	0	0	0
National Aeronautics & Space Admin	990,757	5,051	943,242	0	0	10,364	0	0	0	32,100
National Science Foundation	137,903	1,000	1,100	0	104,727	15,996	15,080	0	0	0
Smithsonian Institution	5,000	5,000	0	0	0	0	0	0	0	0
Tennessee Valley Authority	3,146	3,146	0	0	0	0	0	0	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

2/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-78. Estimated Federal obligations for R&D plant, by agency and performer of the research and development the plant supports: fiscal year 1994

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Total	Intra-mural	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Total, all agencies	3,192,273	492,187	1,079,416	183,834	196,525	616,897	550,293	69,033	411	3,677
Departments:										
Department of Agriculture, total	94,572	94,572	0	0	0	0	0	0	0	0
Agricultural Research Service	86,900	86,900	0	0	0	0	0	0	0	0
Animal & Plant Health Inspection Service	2,672	2,672	0	0	0	0	0	0	0	0
Forest Service	5,000	5,000	0	0	0	0	0	0	0	0
Department of Commerce, total	79,154	6,390	72,540	0	222	0	0	0	0	2
National Institute of Standards & Technology	68,688	5,890	62,574	0	222	0	0	0	0	2
National Oceanic & Atmospheric Administration	10,466	500	9,966	0	0	0	0	0	0	0
Department of Defense, total	260,500	169,780	75,720	0	15,000	0	0	0	0	0
Department of the Army	36,000	36,000	0	0	0	0	0	0	0	0
Department of the Navy	70,000	70,000	0	0	0	0	0	0	0	0
Department of the Air Force	106,300	63,780	42,520	0	0	0	0	0	0	0
Defense agencies	48,200	0	33,200	0	15,000	0	0	0	0	0
Department of Education	1,809	0	0	0	1,809	0	0	0	0	0
Department of Energy	1,471,480	16,622	53,526	183,834	25,791	589,381	533,293	69,033	0	0
Dept of Health & Human Svcs, total	159,200	151,701	0	0	7,499	0	0	0	0	0
Food & Drug Administration	29,550	29,550	0	0	0	0	0	0	0	0
Health Resources & Svcs Admin	725	725	0	0	0	0	0	0	0	0
National Institutes of Health 1/	128,925	121,426	0	0	7,499	0	0	0	0	0
Department of the Interior, total	18,067	720	17,347	0	0	0	0	0	0	0
Geological Survey	16,355	0	16,355	0	0	0	0	0	0	0
Minerals Management Service	992	0	992	0	0	0	0	0	0	0
US Fish & Wildlife Service	720	720	0	0	0	0	0	0	0	0
Department of Transportation, total	34,911	31,250	0	0	3,250	0	0	0	411	0
Coast Guard	411	0	0	0	0	0	0	0	411	0
Federal Aviation Administration	29,000	29,000	0	0	0	0	0	0	0	0
Federal Highway Administration	4,200	950	0	0	3,250	0	0	0	0	0
Federal Railroad Administration	1,300	1,300	0	0	0	0	0	0	0	0
Department of the Treasury, total	154	154	0	0	0	0	0	0	0	0
United States Customs Service	125	125	0	0	0	0	0	0	0	0
United States Secret Service 2/	29	29	0	0	0	0	0	0	0	0
Department of Veterans Affairs	10,300	10,300	0	0	0	0	0	0	0	0
Other agencies:										
National Aeronautics & Space Admin	871,649	4,573	854,283	0	0	9,118	0	0	0	3,675
National Science Foundation	185,357	1,005	6,000	0	142,954	18,398	17,000	0	0	0
Smithsonian Institution	5,000	5,000	0	0	0	0	0	0	0	0
Tennessee Valley Authority	120	120	0	0	0	0	0	0	0	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

2/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-79. Federal obligations for research performed at universities and colleges, by detailed field of science and engineering: fiscal years 1992, 1993, and 1994

[Dollars in thousands]

Page 1 of 1

Field of science and engineering	1992	Estimates	
		1993	1994
Total, all fields	8,645,718	9,683,070	9,974,119
Life sciences, total	5,011,126	5,581,453	5,714,526
Biological (excluding environmental)	2,573,684	2,918,318	2,994,115
Environmental biology	162,085	166,058	168,297
Agricultural	167,974	167,041	173,736
Medical	2,023,805	2,238,978	2,285,459
Life sciences, n.e.c	83,578	91,058	92,919
Psychology, total	129,030	142,235	144,789
Biological aspects	11,192	12,769	13,476
Social aspects	22,026	19,477	19,838
Psychological sciences, n.e.c.	95,812	109,989	111,475
Physical sciences, total	1,150,622	1,276,802	1,297,775
Astronomy	197,058	148,783	156,216
Chemistry	351,834	411,231	431,019
Physics	573,549	671,557	671,565
Physical sciences, n.e.c.	28,181	45,231	38,975
Environmental sciences, total	584,682	664,616	687,658
Atmospheric	166,002	200,093	204,769
Geological	170,884	185,471	193,191
Oceanography	149,286	167,122	173,657
Environmental sciences, n.e.c.	98,510	111,930	116,041
Mathematics & computer sciences, total	477,677	541,599	595,530
Mathematics	150,445	160,356	169,259
Computer sciences	319,883	368,510	418,758
Mathematics & computer sciences, n.e.c.	7,349	12,733	7,513
Engineering, total	836,083	934,232	983,890
Aeronautical	56,924	71,053	76,035
Astronautical	25,073	28,942	27,005
Chemical	69,770	81,240	82,779
Civil	39,808	48,101	55,928
Electrical	148,535	197,702	198,254
Mechanical	99,091	120,405	134,243
Metallurgy & materials	183,407	185,681	191,904
Engineering, n.e.c.	213,475	201,108	217,742
Social sciences, total	174,609	192,497	197,421
Anthropology	7,987	8,010	8,909
Economics	61,086	62,955	61,853
Political science	4,527	5,237	5,663
Sociology	43,173	46,684	56,741
Social sciences, n.e.c.	57,836	69,611	64,255
Other sciences, n.e.c.	281,889	349,636	352,530

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The research obligations of the six agencies included in this table represent approximately 96 percent of total Federal research obligations to universities and colleges in fiscal years 1992, 1993, and 1994.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-80. Federal obligations for research performed at universities and colleges, by agency and field of science and engineering: fiscal year 1992

[Dollars in thousands]

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Total, all agencies	8,645,718	5,011,126	129,030	1,150,622	584,682	477,677	836,083	174,609	281,889
Departments:									
Department of Agriculture, total	436,110	329,054	0	23,410	5,955	3,026	23,253	51,412	0
Agricultural Cooperative Service	334	0	0	0	0	0	0	334	0
Agricultural Marketing Service 1/	170	170	0	0	0	0	0	0	0
Agricultural Research Service	21,379	18,829	0	0	125	2,348	59	18	0
Cooperative State Research Svc	383,867	287,242	0	23,410	3,368	0	23,194	46,653	0
Economic Research Service	2,219	0	0	0	0	0	0	2,219	0
Federal Grain Inspection Service	327	327	0	0	0	0	0	0	0
Forest Service	26,391	21,183	0	0	2,462	558	0	2,188	0
Human Nutrition Information Svc	917	917	0	0	0	0	0	0	0
Nat'l Agricultural Statistics Svc	120	0	0	0	0	120	0	0	0
Office of International Cooperation & Development	386	386	0	0	0	0	0	0	0
Department of Defense, total	912,317	101,567	25,344	116,394	110,136	222,097	326,983	3,688	6,108
Department of the Army	97,159	16,614	3,516	12,284	10,473	15,234	36,212	483	2,343
Department of the Navy	262,921	20,618	13,434	42,538	78,525	25,462	81,784	0	560
Department of the Air Force	131,682	14,832	5,936	32,449	6,508	18,895	53,262	0	0
Defense agencies	420,355	49,503	2,458	29,123	14,630	162,506	155,725	3,205	3,205
Department of Energy	605,233	106,589	0	291,447	46,173	19,105	134,395	0	7,524
Dept of Health & Human Svcs, total	4,639,872	4,179,597	88,663	99,180	0	5,928	45,037	74,189	147,278
Administration on Aging 2/	788	0	0	0	0	0	0	788	0
Admin for Children & Families 2/ 3/	4,961	0	0	0	0	0	0	4,961	0
Agency for Health Care Policy & Research 4/	48,537	12,097	79	0	0	629	0	34,548	1,184
Centers for Disease Control	43,509	43,509	0	0	0	0	0	0	0
Food & Drug Administration	9,300	9,300	0	0	0	0	0	0	0
Health Care Financing Admin	7,240	0	0	0	0	0	0	7,240	0
Health Resources & Svcs Admin	5,668	5,668	0	0	0	0	0	0	0
National Institutes of Health 5/	4,517,143	4,109,023	88,584	99,180	0	5,299	45,037	23,926	146,094
Office of the Secretary	964	0	0	0	0	0	0	964	0
Social Security Administration	1,762	0	0	0	0	0	0	1,762	0
Other agencies:									
National Aeronautics & Space Admin	511,782	36,965	4,123	190,240	129,256	21,117	108,138	39	21,904
National Science Foundation	1,540,404	257,354	10,900	429,951	293,162	206,404	198,277	45,281	99,075

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The research obligations of the six agencies included in this table represent approximately 95 percent of total Federal research obligations to universities and colleges in fiscal year 1992.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-81. Estimated Federal obligations for research performed at universities and colleges, by agency and field of science and engineering: fiscal year 1993

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Total, all agencies	9,683,070	5,581,453	142,235	1,276,802	664,616	541,599	934,232	192,497	349,636
Departments:									
Department of Agriculture, total	434,163	328,294	0	23,388	6,036	3,113	23,223	50,109	0
Agricultural Cooperative Service	500	0	0	0	0	0	0	500	0
Agricultural Research Service	21,576	19,002	0	0	126	2,370	59	19	0
Cooperative State Research Svc	383,284	286,769	0	23,388	3,367	0	23,164	46,596	0
Economic Research Service	800	0	0	0	0	0	0	800	0
Federal Grain Inspection Service	50	50	0	0	0	0	0	0	0
Forest Service	27,069	21,749	0	0	2,543	583	0	2,194	0
Human Nutrition Information Svc	564	564	0	0	0	0	0	0	0
Nat'l Agricultural Statistics Svc	160	0	0	0	0	160	0	0	0
Office of International Cooperation & Development	160	160	0	0	0	0	0	0	0
Department of Defense, total	1,080,308	82,207	23,506	156,621	121,937	276,550	389,264	12,690	17,533
Department of the Army	93,051	16,429	2,779	11,626	10,177	14,223	36,264	210	1,343
Department of the Navy	281,442	22,011	14,180	46,766	81,644	26,554	89,630	0	657
Department of the Air Force	156,441	13,383	4,508	39,215	7,018	24,853	67,464	0	0
Defense agencies	549,374	30,384	2,039	59,014	23,098	210,920	195,906	12,480	15,533
Department of Energy	530,916	72,103	0	296,181	50,282	14,520	91,102	0	6,728
Dept of Health & Human Svcs, total	5,298,844	4,777,089	101,479	113,395	0	6,563	51,701	80,146	168,471
Administration on Aging 1/	788	0	0	0	0	0	0	788	0
Admin for Children & Families 1/ 2/	2,334	0	0	0	0	0	0	2,334	0
Agency for Health Care Policy & Research 3/	52,825	13,153	0	0	0	573	0	37,611	1,488
Centers for Disease Control	45,684	45,684	0	0	0	0	0	0	0
Food & Drug Administration	9,391	9,391	0	0	0	0	0	0	0
Health Care Financing Admin	6,855	0	0	0	0	0	0	6,855	0
Health Resources & Svcs Admin	5,668	5,668	0	0	0	0	0	0	0
National Institutes of Health 4/	5,170,199	4,703,193	101,479	113,395	0	5,990	51,701	27,458	166,983
Office of the Secretary	4,000	0	0	0	0	0	0	4,000	0
Social Security Administration	1,100	0	0	0	0	0	0	1,100	0
Other agencies:									
National Aeronautics & Space Admin	633,727	45,773	5,106	235,569	160,054	26,149	133,904	48	27,124
National Science Foundation	1,705,112	275,987	12,144	451,648	326,307	214,704	245,038	49,504	129,780

1/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

2/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

3/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

4/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The research obligations of the six agencies included in this table represent approximately 98 percent of total Federal research obligations to universities and colleges in fiscal year 1993.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-82. Estimated Federal obligations for research performed at universities and colleges, by agency and field of science and engineering: fiscal year 1994

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Total	Life sciences	Psy-chology	Physical sciences	Environ-mental sciences	Mathe-matics and com-puter sciences	Engi-neering	Social sciences	Other sciences, n.e.c.
Total, all agencies	9,974,119	5,714,526	144,789	1,297,775	687,658	595,530	983,890	197,421	352,530
Departments:									
Department of Agriculture, total	439,459	342,353	0	20,946	5,456	3,188	21,209	46,307	0
Agricultural Research Service	21,576	19,002	0	0	126	2,370	59	19	0
Cooperative State Research Svc	385,177	297,759	0	20,946	2,419	0	21,150	42,903	0
Economic Research Service	800	0	0	0	0	0	0	800	0
Forest Service	31,192	25,038	0	0	2,911	658	0	2,585	0
Human Nutrition Information Svc	394	394	0	0	0	0	0	0	0
Nat'l Agricultural Statistics Svc	160	0	0	0	0	160	0	0	0
Office of International Cooperation & Development	160	160	0	0	0	0	0	0	0
Department of Defense, total	1,090,486	89,670	23,524	140,971	118,768	306,811	408,600	348	1,794
Department of the Army	95,183	20,927	3,264	11,102	8,917	14,055	35,764	58	1,096
Department of the Navy	289,162	22,803	14,753	46,997	87,405	27,897	88,701	0	606
Department of the Air Force	161,488	14,288	3,719	40,774	7,369	26,223	69,115	0	0
Defense agencies	544,653	31,652	1,788	42,098	15,077	238,636	215,020	290	92
Department of Energy	560,769	83,396	0	303,330	56,118	15,870	96,692	0	5,363
Dept of Health & Human Svcs, total	5,400,664	4,858,347	103,065	115,166	0	6,819	52,509	94,060	170,698
Administration on Aging 1/	788	0	0	0	0	0	0	788	0
Admin for Children & Families 1/ 2/	2,285	0	0	0	0	0	0	2,285	0
Agency for Health Care Policy & Research 3/	67,823	16,888	0	0	0	735	0	48,290	1,910
Centers for Disease Control	47,968	47,968	0	0	0	0	0	0	0
Food & Drug Administration	10,378	10,378	0	0	0	0	0	0	0
Health Care Financing Admin	9,810	0	0	0	0	0	0	9,810	0
Health Resources & Svcs Admin	5,668	5,668	0	0	0	0	0	0	0
National Institutes of Health 4/	5,250,944	4,777,445	103,065	115,166	0	6,084	52,509	27,887	168,788
Office of the Secretary	4,000	0	0	0	0	0	0	4,000	0
Social Security Administration	1,000	0	0	0	0	0	0	1,000	0
Other agencies:									
National Aeronautics & Space Admin	654,677	47,286	5,274	243,357	165,346	27,013	138,331	50	28,020
National Science Foundation	1,828,064	293,474	12,926	474,005	341,970	235,829	266,549	56,656	146,655

1/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

2/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

3/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

4/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The research obligations of the six agencies included in this table represent approximately 96 percent of total Federal research obligations to universities and colleges in fiscal year 1994.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-83. Federal obligations for research performed at universities and colleges in psychology and life sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Psychology				Life sciences					
	Total	Bio-logical aspects	Social aspects	Psycho-logical sciences, n.e.c.	Total	Bio-logical	Environ-mental biology	Agri-cultural	Medical	Life sciences, n.e.c.
Total, all agencies	129,030	11,192	22,026	95,812	5,011,126	2,573,684	162,085	167,974	2,023,805	83,578
Departments:										
Department of Agriculture, total	0	0	0	0	329,054	91,810	64,789	163,059	9,396	0
Agricultural Marketing Service 1/	0	0	0	0	170	0	0	170	0	0
Agricultural Research Service	0	0	0	0	18,829	2,443	1,320	14,966	100	0
Cooperative State Research Svc	0	0	0	0	287,242	75,061	56,592	146,293	9,296	0
Federal Grain Inspection Service	0	0	0	0	327	0	0	327	0	0
Forest Service	0	0	0	0	21,183	14,306	6,877	0	0	0
Human Nutrition Information Svc	0	0	0	0	917	0	0	917	0	0
Office of International Cooperation & Development	0	0	0	0	386	0	0	386	0	0
Department of Defense, total	25,344	6,277	17,403	1,664	101,567	31,864	26,411	0	43,127	165
Department of the Army	3,516	0	3,461	55	16,614	2,607	115	0	13,892	0
Department of the Navy	13,434	5,171	6,654	1,609	20,618	7,415	7,026	0	6,177	0
Department of the Air Force	5,936	0	5,936	0	14,832	14,590	242	0	0	0
Defense agencies	2,458	1,106	1,352	0	49,503	7,252	19,028	0	23,058	165
Department of Energy	0	0	0	0	106,589	51,920	100	349	52,268	1,952
Dept of Health & Human Svcs, total	88,663	0	79	88,584	4,179,597	2,190,239	128	3,800	1,913,032	72,398
Agency for Health Care Policy & Research 2/	79	0	79	0	12,097	0	0	0	12,097	0
Centers for Disease Control	0	0	0	0	43,509	0	0	0	43,509	0
Food & Drug Administration	0	0	0	0	9,300	800	0	3,800	0	4,700
Health Resources & Svcs Admin	0	0	0	0	5,668	0	0	0	5,668	0
National Institutes of Health 3/	88,584	0	0	88,584	4,109,023	2,189,439	128	0	1,851,758	67,698
Other agencies:										
National Aeronautics & Space Admin	4,123	40	540	3,543	36,965	19,050	2,358	766	5,982	8,809
National Science Foundation	10,900	4,875	4,004	2,021	257,354	188,801	68,299	0	0	254

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

3/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The research obligations of the six agencies included in this table represent approximately 95 percent of total Federal research obligations to universities and colleges in fiscal year 1992.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-84. Estimated Federal obligations for research performed at universities and colleges in psychology and life sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Psychology				Life sciences					
	Total	Biological aspects	Social aspects	Psychological sciences, n.e.c.	Total	Biological	Environmental biology	Agricultural	Medical	Life sciences, n.e.c.
Total, all agencies	142,235	12,769	19,477	109,989	5,581,453	2,918,318	166,058	167,041	2,238,978	91,058
Departments:										
Department of Agriculture, total	0	0	0	0	328,294	92,089	64,887	161,942	9,376	0
Agricultural Research Service	0	0	0	0	19,002	2,466	1,332	15,104	100	0
Cooperative State Research Svc	0	0	0	0	286,769	74,938	56,491	146,064	9,276	0
Federal Grain Inspection Service	0	0	0	0	50	0	0	50	0	0
Forest Service	0	0	0	0	21,749	14,685	7,064	0	0	0
Human Nutrition Information Svc	0	0	0	0	564	0	0	564	0	0
Office of International Cooperation & Development	0	0	0	0	160	0	0	160	0	0
Department of Defense, total	23,506	7,460	14,395	1,651	82,207	34,291	23,494	0	24,094	328
Department of the Army	2,779	0	2,769	10	16,429	2,461	173	0	13,795	0
Department of the Navy	14,180	5,421	7,118	1,641	22,011	9,007	7,194	0	5,810	0
Department of the Air Force	4,508	0	4,508	0	13,383	13,029	354	0	0	0
Defense agencies	2,039	2,039	0	0	30,384	9,794	15,773	0	4,489	328
Department of Energy	0	0	0	0	72,103	56,154	75	350	14,165	1,359
Dept of Health & Human Svcs, total	101,479	0	0	101,479	4,777,089	2,510,963	140	3,800	2,183,935	78,251
Agency for Health Care Policy & Research 1/	0	0	0	0	13,153	0	0	0	13,153	0
Centers for Disease Control	0	0	0	0	45,684	0	0	0	45,684	0
Food & Drug Administration	0	0	0	0	9,391	4,791	0	3,800	0	800
Health Resources & Svcs Admin	0	0	0	0	5,668	0	0	0	5,668	0
National Institutes of Health 2/	101,479	0	0	101,479	4,703,193	2,506,172	140	0	2,119,430	77,451
Other agencies:										
National Aeronautics & Space Admin	5,106	50	669	4,387	45,773	23,589	2,920	949	7,408	10,907
National Science Foundation	12,144	5,259	4,413	2,472	275,987	201,232	74,542	0	0	213

1/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

2/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The research obligations of the six agencies included in this table represent approximately 96 percent of total Federal research obligations to universities and colleges in fiscal year 1993.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-85. Estimated Federal obligations for research performed at universities and colleges in psychology and life sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Psychology				Life sciences					
	Total	Biological aspects	Social aspects	Psychological sciences, n.e.c.	Total	Biological	Environmental biology	Agricultural	Medical	Life sciences, n.e.c.
Total, all agencies	144,789	13,476	19,838	111,475	5,714,526	2,994,115	168,297	173,736	2,285,459	92,919
Departments:										
Department of Agriculture, total	0	0	0	0	342,353	102,657	68,156	168,180	3,360	0
Agricultural Research Service	0	0	0	0	19,002	2,466	1,332	15,104	100	0
Cooperative State Research Svc	0	0	0	0	297,759	83,281	58,696	152,522	3,260	0
Forest Service	0	0	0	0	25,038	16,910	8,128	0	0	0
Human Nutrition Information Svc	0	0	0	0	394	0	0	394	0	0
Office of International Cooperation & Development	0	0	0	0	160	0	0	160	0	0
Department of Defense, total	23,524	7,521	14,216	1,787	89,670	37,822	16,971	0	34,588	289
Department of the Army	3,264	0	3,214	50	20,927	2,534	163	0	18,230	0
Department of the Navy	14,753	5,733	7,283	1,737	22,803	8,875	7,574	0	6,354	0
Department of the Air Force	3,719	0	3,719	0	14,288	13,684	302	0	302	0
Defense agencies	1,788	1,788	0	0	31,652	12,729	8,932	0	9,702	289
Department of Energy	0	0	0	0	83,396	64,475	125	350	16,805	1,641
Dept of Health & Human Svcs, total	103,065	0	0	103,065	4,858,347	2,551,420	145	4,226	2,223,054	79,502
Agency for Health Care Policy & Research 1/	0	0	0	0	16,888	0	0	0	16,888	0
Centers for Disease Control	0	0	0	0	47,968	0	0	0	47,968	0
Food & Drug Administration	0	0	0	0	10,378	5,307	0	4,226	0	845
Health Resources & Svcs Admin	0	0	0	0	5,668	0	0	0	5,668	0
National Institutes of Health 2/	103,065	0	0	103,065	4,777,445	2,546,113	145	0	2,152,530	78,657
Other agencies:										
National Aeronautics & Space Admin	5,274	51	691	4,532	47,286	24,368	3,017	980	7,652	11,269
National Science Foundation	12,926	5,904	4,931	2,091	293,474	213,373	79,883	0	0	218

1/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

2/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The research obligations of the six agencies included in this table represent approximately 96 percent of total Federal research obligations to universities and colleges in fiscal year 1994.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-86. Federal obligations for research performed at universities and colleges in physical and environmental sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

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Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Total, all agencies	1,150,622	197,058	351,834	573,549	28,181	584,682	166,002	170,884	149,286	98,510
Departments:										
Department of Agriculture, total	23,410	0	23,410	0	0	5,955	5,514	441	0	0
Agricultural Research Service	0	0	0	0	0	125	125	0	0	0
Cooperative State Research Svc	23,410	0	23,410	0	0	3,368	3,368	0	0	0
Forest Service	0	0	0	0	0	2,462	2,021	441	0	0
Department of Defense, total	116,394	506	50,912	63,000	1,976	110,136	18,020	31,324	56,369	4,423
Department of the Army	12,284	0	6,946	4,919	419	10,473	6,685	1,163	0	2,625
Department of the Navy	42,538	0	15,968	25,135	1,435	78,525	4,224	22,992	51,309	0
Department of the Air Force	32,449	41	14,624	17,784	0	6,506	4,882	1,626	0	0
Defense agencies	29,123	465	13,374	15,162	122	14,630	2,229	5,543	5,060	1,798
Department of Energy	291,447	0	44,333	245,996	1,118	46,173	22,709	17,915	3,606	1,943
Dept of Health & Human Svcs, total	99,180	0	94,012	5,168	0	0	0	0	0	0
National Institutes of Health 1/	99,180	0	94,012	5,168	0	0	0	0	0	0
Other agencies:										
National Aeronautics & Space Admin	190,240	81,279	5,238	84,373	19,350	129,256	59,514	19,514	16,039	34,189
National Science Foundation	429,951	115,273	133,929	175,012	5,737	293,162	60,245	101,690	73,272	57,955

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

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Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-87. Estimated Federal obligations for research performed at universities and colleges in physical and environmental sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Total, all agencies	1,276,802	148,783	411,231	671,557	45,231	664,616	200,093	185,471	167,122	111,930
Departments:										
Department of Agriculture, total	23,388	0	23,388	0	0	6,036	5,573	463	0	0
Agricultural Research Service	0	0	0	0	0	126	126	0	0	0
Cooperative State Research Svc	23,388	0	23,388	0	0	3,367	3,367	0	0	0
Forest Service	0	0	0	0	0	2,543	2,080	463	0	0
Department of Defense, total	156,621	759	53,462	91,609	10,791	121,937	23,145	32,962	62,956	2,874
Department of the Army	11,626	0	6,873	4,731	22	10,177	6,838	1,113	0	2,226
Department of the Navy	46,766	64	17,066	28,250	1,386	81,644	4,539	24,350	52,755	0
Department of the Air Force	39,215	36	15,210	23,969	0	7,018	4,655	2,363	0	0
Defense agencies	59,014	659	14,313	34,659	9,383	23,098	7,113	5,136	10,201	648
Department of Energy	296,181	0	44,172	251,774	235	50,282	30,322	15,334	2,890	1,736
Dept of Health & Human Svcs, total	113,395	0	107,585	5,810	0	0	0	0	0	0
National Institutes of Health 1/	113,395	0	107,585	5,810	0	0	0	0	0	0
Other agencies:										
National Aeronautics & Space Admin	235,569	100,646	6,486	104,476	23,961	160,054	73,694	24,164	19,860	42,336
National Science Foundation	451,648	47,378	176,138	217,888	10,244	326,307	67,359	112,548	81,416	64,984

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

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KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-88. Estimated Federal obligations for research performed at universities and colleges in physical and environmental sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Total, all agencies	1,297,775	156,216	431,019	671,565	38,975	687,658	204,769	193,191	173,657	116,041
Departments:										
Department of Agriculture, total	20,946	0	20,946	0	0	5,456	4,934	522	0	0
Agricultural Research Service	0	0	0	0	0	126	126	0	0	0
Cooperative State Research Svc	20,946	0	20,946	0	0	2,419	2,419	0	0	0
Forest Service	0	0	0	0	0	2,911	2,389	522	0	0
Department of Defense, total	140,971	1,573	62,341	75,004	2,053	118,768	17,453	34,209	64,692	2,414
Department of the Army	11,102	0	6,238	4,841	23	8,917	5,548	1,197	0	2,172
Department of the Navy	46,997	98	18,023	27,435	1,441	87,405	4,808	26,129	56,468	0
Department of the Air Force	40,774	36	19,014	21,724	0	7,369	4,888	2,481	0	0
Defense agencies	42,098	1,439	19,066	21,004	589	15,077	2,209	4,402	8,224	242
Department of Energy	303,330	0	45,562	256,588	1,180	56,118	35,268	15,946	3,132	1,772
Dept of Health & Human Svcs, total	115,166	0	109,265	5,901	0	0	0	0	0	0
National Institutes of Health 1/	115,166	0	109,265	5,901	0	0	0	0	0	0
Other agencies:										
National Aeronautics & Space Admin	243,357	103,972	6,701	107,931	24,753	165,346	76,131	24,963	20,517	43,735
National Science Foundation	474,005	50,671	186,204	226,141	10,989	341,970	70,983	117,551	85,316	68,120

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The research obligations of the six agencies included in this table represent approximately 96 percent of total Federal research obligations to universities and colleges in fiscal year 1994.

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KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-89. Federal obligations for research performed at universities and colleges in engineering, by agency and detailed field of engineering: fiscal year 1992

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Total	Aeronautical	Astronautical	Chemical	Civil	Electrical	Mechanical	Metallurgy and materials	Engineering, n.e.c.
Total, all agencies	836,083	56,924	25,073	69,770	39,808	148,535	99,091	183,407	213,475
Departments:									
Department of Agriculture, total	23,253	0	0	0	0	0	0	0	23,253
Agricultural Research Service	59	0	0	0	0	0	0	0	59
Cooperative State Research Svc	23,194	0	0	0	0	0	0	0	23,194
Department of Defense, total	326,983	24,087	12,818	3,058	9,310	90,581	47,365	122,443	17,321
Department of the Army	36,212	7,039	96	627	4,051	13,315	3,916	6,014	1,154
Department of the Navy	81,784	645	4,048	645	1,198	32,224	25,256	17,600	168
Department of the Air Force	53,262	11,975	7,820	0	2,448	13,687	3,927	10,578	2,827
Defense agencies	155,725	4,428	854	1,786	1,613	31,355	14,266	88,251	13,172
Department of Energy	134,395	0	0	24,576	2,518	1,883	9,798	20,416	75,204
Dept of Health & Human Svcs, total	45,037	0	0	0	0	0	0	0	45,037
National Institutes of Health 1/	45,037	0	0	0	0	0	0	0	45,037
Other agencies:									
National Aeronautics & Space Admin	108,138	29,846	12,255	1,620	162	7,000	10,305	19,448	27,502
National Science Foundation	198,277	2,991	0	40,516	27,818	49,071	31,623	21,100	25,158

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The research obligations of the six agencies included in this table represent approximately 95 percent of total Federal research obligations to universities and colleges in fiscal year 1992.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

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SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-90. Estimated Federal obligations for research performed at universities and colleges in engineering, by agency and detailed field of engineering: fiscal year 1993

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Total	Aero-nautical	Astro-nautical	Chemical	Civil	Elec-trical	Mechan-ical	Metal-lurgy and materials	Engi-neering, n.e.c.
Total, all agencies	934,232	71,053	28,942	81,240	48,101	197,702	120,405	185,681	201,108
Departments:									
Department of Agriculture, total	23,223	0	0	0	0	0	0	0	23,223
Agricultural Research Service	59	0	0	0	0	0	0	0	59
Cooperative State Research Svc	23,164	0	0	0	0	0	0	0	23,164
Department of Defense, total	389,264	31,100	13,767	3,445	14,764	122,240	53,374	116,821	33,753
Department of the Army	36,264	6,491	190	532	6,370	11,750	2,919	5,883	2,129
Department of the Navy	89,630	792	4,968	891	1,470	34,899	26,881	19,523	206
Department of the Air Force	67,464	15,053	8,609	135	3,499	23,199	3,846	9,873	3,250
Defense agencies	195,906	8,764	0	1,887	3,425	52,392	19,728	81,542	28,168
Department of Energy	91,102	0	0	25,680	2,991	2,141	9,866	20,875	29,549
Dept of Health & Human Svcs, total	51,701	0	0	0	0	0	0	0	51,701
National Institutes of Health 1/	51,701	0	0	0	0	0	0	0	51,701
Other agencies:									
National Aeronautics & Space Admin	133,904	36,957	15,175	2,006	201	8,668	12,760	24,082	34,055
National Science Foundation	245,038	2,996	0	50,109	30,145	64,653	44,405	23,903	28,827

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The research obligations of the six agencies included in this table represent approximately 96 percent of total Federal research obligations to universities and colleges in fiscal year 1993.

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KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-91. Estimated Federal obligations for research performed at universities and colleges in engineering, by agency and detailed field of engineering: fiscal year 1994

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Total	Aero-nautical	Astro-nautical	Chemical	Civil	Elec-trical	Mechan-ical	Metal-lurgy and materials	Engi-neering, n.e.c.
Total, all agencies	983,890	76,035	27,005	82,779	55,928	198,254	134,243	191,904	217,742
Departments:									
Department of Agriculture, total	21,209	0	0	0	0	0	0	0	21,209
Agricultural Research Service	59	0	0	0	0	0	0	0	59
Cooperative State Research Svc	21,150	0	0	0	0	0	0	0	21,150
Department of Defense, total	408,600	34,854	11,329	4,517	15,536	115,698	61,908	118,927	45,831
Department of the Army	35,764	6,631	104	512	6,401	11,156	2,790	6,494	1,676
Department of the Navy	88,701	659	4,135	809	1,224	34,884	27,157	19,662	171
Department of the Air Force	69,115	17,460	7,090	145	4,139	24,011	3,540	10,034	2,696
Defense agencies	215,020	10,104	0	3,051	3,772	45,647	28,421	82,737	41,288
Department of Energy	96,692	0	0	21,862	3,606	2,704	10,864	22,641	35,015
Dept of Health & Human Svcs, total	52,509	0	0	0	0	0	0	0	52,509
National Institutes of Health 1/	52,509	0	0	0	0	0	0	0	52,509
Other agencies:									
National Aeronautics & Space Admin	138,331	38,179	15,676	2,073	207	8,955	13,182	24,878	35,181
National Science Foundation	266,549	3,002	0	54,327	36,579	70,897	48,289	25,458	27,997

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The research obligations of the six agencies included in this table represent approximately 96 percent of total Federal research obligations to universities and colleges in fiscal year 1994.

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KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-92. Federal obligations for research performed at universities and colleges in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Total, all agencies	477,677	150,445	319,883	7,349	174,609	7,987	61,086	4,527	43,173	57,836
Departments:										
Department of Agriculture, total	3,026	678	2,348	0	51,412	0	42,711	0	8,701	0
Agricultural Cooperative Service	0	0	0	0	334	0	334	0	0	0
Agricultural Research Service	2,348	0	2,348	0	18	0	18	0	0	0
Cooperative State Research Svc	0	0	0	0	46,653	0	37,952	0	8,701	0
Economic Research Service	0	0	0	0	2,219	0	2,219	0	0	0
Forest Service	558	558	0	0	2,188	0	2,188	0	0	0
Nat'l Agricultural Statistics Svc	120	120	0	0	0	0	0	0	0	0
Department of Defense, total	222,097	39,961	177,667	4,469	3,688	418	40	0	25	3,205
Department of the Army	15,234	6,263	8,465	506	483	418	40	0	25	0
Department of the Navy	25,462	12,057	12,245	1,160	0	0	0	0	0	0
Department of the Air Force	18,895	11,716	7,179	0	0	0	0	0	0	0
Defense agencies	162,506	9,925	149,778	2,803	3,205	0	0	0	0	3,205
Department of Energy	19,105	15,122	3,983	0	0	0	0	0	0	0
Dept of Health & Human Svcs, total	5,928	5,766	0	162	74,189	0	5,276	48	28,441	40,424
Administration on Aging 1/	0	0	0	0	788	0	0	0	0	788
Admin for Children & Families 1/ 2/	0	0	0	0	4,961	0	0	0	0	4,961
Agency for Health Care Policy & Research 3/	629	467	0	162	34,548	0	4,698	0	28,103	1,747
Health Care Financing Admin	0	0	0	0	7,240	0	0	0	0	7,240
National Institutes of Health 4/	5,299	5,299	0	0	23,926	0	0	0	0	23,926
Office of the Secretary	0	0	0	0	964	0	578	48	338	0
Social Security Administration	0	0	0	0	1,762	0	0	0	0	1,762
Other agencies:										
National Aeronautics & Space Admin	21,117	873	18,193	2,051	39	0	0	0	0	39
National Science Foundation	206,404	88,045	117,692	667	45,281	7,569	13,059	4,479	6,006	14,168

1/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

2/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

3/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

4/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The research obligations of the six agencies included in this table represent approximately 95 percent of total Federal research obligations to universities and colleges in fiscal year 1992.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-93. Estimated Federal obligations for research performed at universities and colleges in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Total, all agencies	541,599	160,356	368,510	12,733	192,497	8,010	62,955	5,237	46,684	69,611
Departments:										
Department of Agriculture, total	3,113	743	2,370	0	50,109	0	41,422	0	8,687	0
Agricultural Cooperative Service	0	0	0	0	500	0	500	0	0	0
Agricultural Research Service	2,370	0	2,370	0	19	0	19	0	0	0
Cooperative State Research Svc	0	0	0	0	46,596	0	37,909	0	8,687	0
Economic Research Service	0	0	0	0	800	0	800	0	0	0
Forest Service	583	583	0	0	2,194	0	2,194	0	0	0
Nat'l Agricultural Statistics Svc	160	160	0	0	0	0	0	0	0	0
Department of Defense, total	276,550	57,850	210,607	8,093	12,690	150	36	0	24	12,480
Department of the Army	14,223	6,127	7,488	608	210	150	36	0	24	0
Department of the Navy	26,554	12,625	12,790	1,139	0	0	0	0	0	0
Department of the Air Force	24,853	16,065	8,788	0	0	0	0	0	0	0
Defense agencies	210,920	23,033	181,541	6,346	12,480	0	0	0	0	12,480
Department of Energy	14,520	10,285	4,235	0	0	0	0	0	0	0
Dept of Health & Human Svcs, total	6,563	6,500	63	0	80,146	0	7,515	200	32,015	40,418
Administration on Aging 1/	0	0	0	0	788	0	0	0	0	788
Admin for Children & Families 1/ 2/	0	0	0	0	2,334	0	0	0	0	2,334
Agency for Health Care Policy & Research 3/	573	510	63	0	37,611	0	5,115	0	30,615	1,881
Health Care Financing Admin	0	0	0	0	6,855	0	0	0	0	6,855
National Institutes of Health 4/	5,990	5,990	0	0	27,458	0	0	0	0	27,458
Office of the Secretary	0	0	0	0	4,000	0	2,400	200	1,400	0
Social Security Administration	0	0	0	0	1,100	0	0	0	0	1,100
Other agencies:										
National Aeronautics & Space Admin	26,149	1,081	22,528	2,540	48	0	0	0	0	48
National Science Foundation	214,704	83,897	128,707	2,100	49,504	7,860	13,982	5,037	5,958	16,667

1/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

2/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

3/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

4/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The research obligations of the six agencies included in this table represent approximately 98 percent of total Federal research obligations to universities and colleges in fiscal year 1993.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-94. Estimated Federal obligations for research performed at universities and colleges in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Total, all agencies	595,530	169,259	418,758	7,513	197,421	8,909	61,853	5,663	56,741	64,255
Departments:										
Department of Agriculture, total	3,188	818	2,370	0	46,307	0	37,635	0	8,672	0
Agricultural Research Service	2,370	0	2,370	0	19	0	19	0	0	0
Cooperative State Research Svc	0	0	0	0	42,903	0	34,231	0	8,672	0
Economic Research Service	0	0	0	0	800	0	800	0	0	0
Forest Service	658	658	0	0	2,585	0	2,585	0	0	0
Nat'l Agricultural Statistics Svc	160	160	0	0	0	0	0	0	0	0
Department of Defense, total	306,811	58,453	245,948	2,410	348	0	35	0	23	290
Department of the Army	14,055	6,372	6,878	805	58	0	35	0	23	0
Department of the Navy	27,897	13,496	13,241	1,160	0	0	0	0	0	0
Department of the Air Force	26,223	16,904	9,319	0	0	0	0	0	0	0
Defense agencies	238,636	21,681	216,510	445	290	0	0	0	0	290
Department of Energy	15,870	11,300	4,570	0	0	0	0	0	0	0
Dept of Health & Human Svcs, total	6,819	6,738	81	0	94,060	0	8,967	200	40,708	44,185
Administration on Aging 1/	0	0	0	0	788	0	0	0	0	788
Admin for Children & Families 1/ 2/	0	0	0	0	2,285	0	0	0	0	2,285
Agency for Health Care Policy & Research 3/	735	654	81	0	48,290	0	6,567	0	39,308	2,415
Health Care Financing Admin	0	0	0	0	9,810	0	0	0	0	9,810
National Institutes of Health 4/	6,084	6,084	0	0	27,887	0	0	0	0	27,887
Office of the Secretary	0	0	0	0	4,000	0	2,400	200	1,400	0
Social Security Administration	0	0	0	0	1,000	0	0	0	0	1,000
Other agencies:										
National Aeronautics & Space Admin	27,013	1,117	23,273	2,623	50	0	0	0	0	50
National Science Foundation	235,829	90,833	142,516	2,480	56,656	8,909	15,216	5,463	7,338	19,730

1/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

2/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

3/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

4/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The research obligations of the six agencies included in this table represent approximately 96 percent of total Federal research obligations to universities and colleges in fiscal year 1994.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-95. Federal obligations for basic research performed at universities and colleges, by detailed field of science and engineering: fiscal years 1992, 1993, and 1994

[Dollars in thousands]

Page 1 of 1

Field of science and engineering	1992	Estimates	
		1993	1994
Total, all fields	6,230,381	7,030,239	7,247,262
Life sciences, total	3,480,531	3,932,201	4,030,540
Biological (excluding environmental)	1,925,304	2,178,484	2,239,520
Environmental biology	114,646	117,788	117,842
Agricultural	85,161	85,313	93,599
Medical	1,292,311	1,478,271	1,506,070
Life sciences, n.e.c	63,109	72,345	73,509
Psychology, total	86,376	96,118	99,070
Biological aspects	10,865	12,415	12,975
Social aspects	13,521	12,737	13,637
Psychological sciences, n.e.c.	61,990	70,966	72,458
Physical sciences, total	956,564	1,050,813	1,082,081
Astronomy	188,790	138,710	145,715
Chemistry	305,137	360,720	383,857
Physics	438,162	517,952	517,940
Physical sciences, n.e.c.	24,475	33,431	34,569
Environmental sciences, total	554,617	633,970	659,588
Atmospheric	154,328	187,394	193,365
Geological	160,520	175,332	184,183
Oceanography	147,627	165,179	171,921
Environmental sciences, n.e.c.	92,142	106,065	110,119
Mathematics & computer sciences, total	329,073	358,679	374,952
Mathematics	145,463	144,144	155,814
Computer sciences	181,149	211,178	215,839
Mathematics & computer sciences, n.e.c.	2,461	3,357	3,299
Engineering, total	556,577	623,438	668,022
Aeronautical	44,305	55,992	59,325
Astronautical	15,459	17,165	18,078
Chemical	41,272	47,188	52,864
Civil	27,710	35,197	41,042
Electrical	105,060	144,954	150,589
Mechanical	82,421	102,525	117,563
Metallurgy & materials	123,087	134,057	147,305
Engineering, n.e.c.	117,263	86,360	81,256
Social sciences, total	70,159	84,926	77,736
Anthropology	6,922	7,625	8,652
Economics	22,535	23,074	23,826
Political science	3,938	4,450	4,828
Sociology	7,580	7,463	8,913
Social sciences, n.e.c.	29,184	42,314	31,517
Other sciences, n.e.c.	196,484	250,094	255,273

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The basic research obligations of the six agencies included in this table represent approximately 99 percent of total Federal basic research obligations to universities and colleges in fiscal years 1992, 1993, and 1994.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-96. Federal obligations for basic research performed at universities and colleges, by agency and field of science and engineering: fiscal year 1992

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Total, all agencies	6,230,381	3,480,531	86,376	956,564	554,617	329,073	556,577	70,159	196,484
Departments:									
Department of Agriculture, total	198,547	164,486	0	9,293	2,401	1,099	7,061	14,207	0
Agricultural Research Service	11,954	10,980	0	0	70	861	33	10	0
Cooperative State Research Svc	174,907	144,357	0	9,293	1,278	0	7,028	12,951	0
Economic Research Service	311	0	0	0	0	0	0	311	0
Forest Service	11,278	9,052	0	0	1,053	238	0	935	0
Office of International Cooperation & Development	97	97	0	0	0	0	0	0	0
Department of Defense, total	598,972	72,581	17,008	95,288	98,737	97,884	210,862	3,205	3,407
Department of the Army	62,316	9,510	2,281	10,557	5,408	10,654	23,899	0	7
Department of the Navy	219,746	19,357	12,160	31,058	77,031	23,976	55,969	0	195
Department of the Air Force	101,147	14,590	109	26,841	6,508	17,269	35,830	0	0
Defense agencies	215,763	29,124	2,458	26,832	9,790	45,965	95,164	3,205	3,205
Department of Energy	404,740	51,821	0	208,789	40,186	19,105	84,789	0	50
Dept of Health & Human Svcs, total	3,189,599	2,915,800	56,010	84,271	0	3,593	31,774	13,983	84,168
National Institutes of Health 1/	3,189,599	2,915,800	56,010	84,271	0	3,593	31,774	13,983	84,168
Other agencies:									
National Aeronautics & Space Admin	402,370	30,551	3,904	144,146	122,423	18,688	67,234	39	15,385
National Science Foundation	1,436,153	245,292	9,454	414,777	290,870	188,704	154,857	38,725	93,474

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The basic research obligations of the six agencies included in this table represent approximately 98 percent of total Federal basic research obligations to universities and colleges in fiscal year 1992.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-97. Estimated Federal obligations for basic research performed at universities and colleges, by agency and field of science and engineering: fiscal year 1993

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Total, all agencies	7,030,239	3,932,201	96,118	1,050,813	633,970	358,679	623,438	84,926	250,094
Departments:									
Department of Agriculture, total	198,431	164,590	0	9,281	2,445	1,043	7,050	14,022	0
Agricultural Research Service	12,064	11,161	0	0	70	789	33	11	0
Cooperative State Research Svc	174,588	144,083	0	9,281	1,277	0	7,017	12,930	0
Economic Research Service	112	0	0	0	0	0	0	112	0
Forest Service	11,627	9,306	0	0	1,098	254	0	969	0
Office of International Cooperation & Development	40	40	0	0	0	0	0	0	0
Department of Defense, total	738,653	73,365	16,770	124,287	112,329	124,696	261,876	12,480	12,850
Department of the Army	63,185	9,817	2,114	10,681	6,244	10,274	24,055	0	0
Department of the Navy	228,453	20,463	12,617	32,676	79,810	24,730	57,948	0	209
Department of the Air Force	120,807	13,029	0	32,236	7,018	22,721	45,803	0	0
Defense agencies	326,408	30,056	2,039	48,694	19,257	66,971	134,270	12,480	12,641
Department of Energy	359,778	55,904	0	206,187	43,676	14,520	39,491	0	0
Dept of Health & Human Svcs, total	3,650,609	3,337,386	64,250	96,376	0	4,015	36,506	16,062	96,014
National Institutes of Health 1/	3,650,609	3,337,386	64,250	96,376	0	4,015	36,506	16,062	96,014
Other agencies:									
National Aeronautics & Space Admin	498,245	37,831	4,835	178,492	151,593	23,141	83,254	48	19,051
National Science Foundation	1,584,523	263,125	10,263	436,190	323,927	191,264	195,261	42,314	122,179

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

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Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-98. Estimated Federal obligations for basic research performed at universities and colleges, by agency and field of science and engineering: fiscal year 1994

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Total, all agencies	7,247,262	4,030,540	99,070	1,082,081	659,588	374,952	668,022	77,736	255,273
Departments:									
Department of Agriculture, total	214,396	181,406	0	8,836	2,311	1,087	6,843	13,913	0
Agricultural Research Service	12,064	11,181	0	0	70	789	33	11	0
Cooperative State Research Svc	188,782	159,485	0	8,836	976	0	6,810	12,675	0
Economic Research Service	112	0	0	0	0	0	0	112	0
Forest Service	13,398	10,720	0	0	1,265	298	0	1,115	0
Office of International Cooperation & Development	40	40	0	0	0	0	0	0	0
Department of Defense, total	723,010	78,558	17,395	119,636	111,125	117,907	277,862	290	237
Department of the Army	65,829	11,998	2,155	10,522	6,067	10,407	24,682	0	0
Department of the Navy	245,056	21,515	13,452	35,263	85,879	26,380	62,330	0	237
Department of the Air Force	127,721	13,684	0	34,195	7,369	24,100	48,373	0	0
Defense agencies	284,404	31,363	1,788	39,656	11,810	57,020	142,477	290	0
Department of Energy	384,956	64,194	0	212,935	50,083	15,870	41,874	0	0
Dept of Health & Human Svcs, total	3,707,622	3,389,506	65,254	97,881	0	4,078	37,076	16,313	97,512
National Institutes of Health 1/	3,707,622	3,389,506	65,254	97,881	0	4,078	37,076	16,313	97,512
Other agencies:									
National Aeronautics & Space Admin	514,716	39,081	4,994	184,393	156,605	23,906	86,006	50	19,681
National Science Foundation	1,702,562	277,793	11,427	458,400	339,464	212,104	218,361	47,170	137,843

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

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KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-99. Federal obligations for basic research performed at universities and colleges in psychology and life sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Psychology				Life sciences					
	Total	Bio-logical aspects	Social aspects	Psycho-logical sciences, n.e.c.	Total	Bio-logical	Environ-mental biology	Agri-cultural	Medical	Life sciences, n.e.c.
Total, all agencies	86,376	10,865	13,521	61,990	3,480,531	1,925,304	114,646	85,161	1,292,311	63,109
Departments:										
Department of Agriculture, total	0	0	0	0	164,486	52,205	23,326	84,096	4,859	0
Agricultural Research Service	0	0	0	0	10,980	1,366	738	8,820	56	0
Cooperative State Research Svc	0	0	0	0	144,357	44,726	19,649	75,179	4,803	0
Forest Service	0	0	0	0	9,052	6,113	2,939	0	0	0
Office of International Cooperation & Development	0	0	0	0	97	0	0	97	0	0
Department of Defense, total	17,008	6,082	9,262	1,664	72,581	31,272	25,924	0	15,385	0
Department of the Army	2,281	0	2,226	55	9,510	2,324	16	0	7,170	0
Department of the Navy	12,160	4,976	5,575	1,609	19,357	7,106	6,880	0	5,371	0
Department of the Air Force	109	0	109	0	14,590	14,590	0	0	0	0
Defense agencies	2,458	1,106	1,352	0	29,124	7,252	19,028	0	2,844	0
Department of Energy	0	0	0	0	51,821	49,852	0	299	0	1,670
Dept of Health & Human Svcs, total	56,010	0	0	56,010	2,915,800	1,595,928	68	0	1,266,289	53,515
National Institutes of Health 1/	56,010	0	0	56,010	2,915,800	1,595,928	68	0	1,266,289	53,515
Other agencies:										
National Aeronautics & Space Admin	3,904	40	478	3,386	30,551	14,138	2,183	766	5,778	7,686
National Science Foundation	9,454	4,743	3,781	930	245,292	181,909	63,145	0	0	238

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The basic research obligations of the six agencies included in this table represent approximately 98 percent of total Federal basic research obligations to universities and colleges in fiscal year 1992.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-100. Estimated Federal obligations for basic research performed at universities and colleges in psychology and life sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

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Agency and subdivision	Psychology				Life sciences					
	Total	Bio-logical aspects	Social aspects	Psycho-logical sciences, n.e.c.	Total	Bio-logical	Environ-mental biology	Agri-cultural	Medical	Life sciences, n.e.c.
Total, all agencies	96,118	12,415	12,737	70,966	3,932,201	2,178,484	117,788	85,313	1,478,271	72,345
Departments:										
Department of Agriculture, total	0	0	0	0	164,590	52,301	23,378	84,064	4,847	0
Agricultural Research Service	0	0	0	0	11,161	1,379	745	8,981	56	0
Cooperative State Research Svc	0	0	0	0	144,083	44,641	19,608	75,043	4,791	0
Forest Service	0	0	0	0	9,306	6,281	3,025	0	0	0
Office of International Cooperation & Development	0	0	0	0	40	0	0	40	0	0
Department of Defense, total	16,770	7,221	7,898	1,651	73,365	33,575	22,812	0	16,978	0
Department of the Army	2,114	0	2,104	10	9,817	2,124	24	0	7,669	0
Department of the Navy	12,617	5,182	5,794	1,641	20,463	8,628	7,015	0	4,820	0
Department of the Air Force	0	0	0	0	13,029	13,029	0	0	0	0
Defense agencies	2,039	2,039	0	0	30,056	9,794	15,773	0	4,489	0
Department of Energy	0	0	0	0	55,904	54,245	0	300	0	1,359
Dept of Health & Human Svcs, total	64,250	0	0	64,250	3,337,386	1,826,764	59	0	1,449,291	61,272
National Institutes of Health 1/	64,250	0	0	64,250	3,337,386	1,826,764	59	0	1,449,291	61,272
Other agencies:										
National Aeronautics & Space Admin	4,835	50	592	4,193	37,831	17,507	2,703	949	7,155	9,517
National Science Foundation	10,263	5,144	4,247	872	263,125	194,092	68,836	0	0	197

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The basic research obligations of the six agencies included in this table represent approximately 99 percent of total Federal basic research obligations to universities and colleges in fiscal year 1993.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-101. Estimated Federal obligations for basic research performed at universities and colleges in psychology and life sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

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Agency and subdivision	Psychology				Life sciences					
	Total	Bio-logical aspects	Social aspects	Psycho-logical sciences, n.e.c.	Total	Bio-logical	Environ-mental biology	Agri-cultural	Medical	Life sciences, n.e.c.
Total, all agencies	99,070	12,975	13,637	72,458	4,030,540	2,239,520	117,842	93,599	1,506,070	73,509
Departments:										
Department of Agriculture, total	0	0	0	0	181,406	61,354	25,887	92,319	1,846	0
Agricultural Research Service	0	0	0	0	11,161	1,379	745	8,981	56	0
Cooperative State Research Svc	0	0	0	0	159,485	52,739	21,658	83,298	1,790	0
Forest Service	0	0	0	0	10,720	7,236	3,484	0	0	0
Office of International Cooperation & Development	0	0	0	0	40	0	0	40	0	0
Department of Defense, total	17,395	7,322	8,286	1,787	78,558	37,245	16,405	0	24,908	0
Department of the Army	2,155	0	2,105	50	11,996	2,272	48	0	9,676	0
Department of the Navy	13,452	5,534	6,181	1,737	21,515	8,560	7,425	0	5,530	0
Department of the Air Force	0	0	0	0	13,684	13,684	0	0	0	0
Defense agencies	1,788	1,788	0	0	31,363	12,729	8,932	0	9,702	0
Department of Energy	0	0	0	0	64,194	62,647	0	300	0	1,247
Dept of Health & Human Svcs, total	65,254	0	0	65,254	3,389,508	1,855,294	61	0	1,471,925	62,228
National Institutes of Health 1/	65,254	0	0	65,254	3,389,508	1,855,294	61	0	1,471,925	62,228
Other agencies:										
National Aeronautics & Space Admin	4,994	51	612	4,331	39,081	18,085	2,793	980	7,391	9,832
National Science Foundation	11,427	5,602	4,739	1,086	277,793	204,895	72,696	0	0	202

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The basic research obligations of the six agencies included in this table represent approximately 99 percent of total Federal basic research obligations to universities and colleges in fiscal year 1994.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-102. Federal obligations for basic research performed at universities and colleges in physical and environmental sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

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Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Total, all agencies	956,564	188,790	305,137	438,162	24,475	554,617	154,328	160,520	147,627	92,142
Departments:										
Department of Agriculture, total	9,293	0	9,293	0	0	2,401	2,212	189	0	0
Agricultural Research Service	0	0	0	0	0	70	70	0	0	0
Cooperative State Research Svc	9,293	0	9,293	0	0	1,278	1,278	0	0	0
Forest Service	0	0	0	0	0	1,053	864	189	0	0
Department of Defense, total	95,288	506	48,295	45,286	1,201	98,737	15,199	26,298	55,290	1,950
Department of the Army	10,557	0	5,774	4,764	19	5,408	4,147	1,109	0	152
Department of the Navy	31,058	0	14,901	14,975	1,182	77,031	3,941	22,860	50,230	0
Department of the Air Force	26,841	41	14,246	12,554	0	6,508	4,882	1,626	0	0
Defense agencies	26,832	465	13,374	12,993	0	9,790	2,229	703	5,060	1,798
Department of Energy	208,789	0	35,766	172,811	212	40,186	22,343	13,794	3,606	443
Dept of Health & Human Svcs, total	84,271	0	80,123	4,148	0	0	0	0	0	0
National Institutes of Health 1/	84,271	0	80,123	4,148	0	0	0	0	0	0
Other agencies:										
National Aeronautics & Space Admin	144,146	73,561	5,100	47,749	17,736	122,423	54,963	19,330	15,974	32,156
National Science Foundation	414,777	114,723	126,560	168,168	5,326	290,870	59,611	100,909	72,757	57,593

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The basic research obligations of the six agencies included in this table represent approximately 98 percent of total Federal basic research obligations to universities and colleges in fiscal year 1992.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-103. Estimated Federal obligations for basic research performed at universities and colleges in physical and environmental sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Total, all agencies	1,050,813	138,710	360,720	517,952	33,431	633,970	187,394	175,332	165,179	106,065
Departments:										
Department of Agriculture, total	9,281	0	9,281	0	0	2,445	2,240	205	0	0
Agricultural Research Service	0	0	0	0	0	70	70	0	0	0
Cooperative State Research Svc	9,281	0	9,281	0	0	1,277	1,277	0	0	0
Forest Service	0	0	0	0	0	1,098	893	205	0	0
Department of Defense, total	124,287	759	50,883	71,547	1,098	112,329	20,386	28,913	61,632	1,398
Department of the Army	10,681	0	6,023	4,636	22	6,244	4,426	1,068	0	750
Department of the Navy	32,676	64	15,757	15,779	1,076	79,810	4,192	24,187	51,431	0
Department of the Air Force	32,236	36	14,790	17,410	0	7,018	4,655	2,363	0	0
Defense agencies	48,694	659	14,313	33,722	0	19,257	7,113	1,295	10,201	648
Department of Energy	206,187	0	34,400	171,552	235	43,676	29,897	10,563	2,890	326
Dept of Health & Human Svcs, total	96,376	0	91,630	4,746	0	0	0	0	0	0
National Institutes of Health 1/	96,376	0	91,630	4,746	0	0	0	0	0	0
Other agencies:										
National Aeronautics & Space Admin	178,492	91,089	6,315	59,126	21,962	151,593	68,059	23,936	19,780	39,818
National Science Foundation	436,190	46,862	168,211	210,981	10,136	323,927	66,812	111,715	80,877	64,523

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The basic research obligations of the six agencies included in this table represent approximately 99 percent of total Federal basic research obligations to universities and colleges in fiscal year 1993.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-104. Estimated Federal obligations for basic research performed at universities and colleges in physical and environmental sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Total, all agencies	1,082,081	145,715	383,857	517,940	34,569	659,588	193,365	184,183	171,921	110,119
Departments:										
Department of Agriculture, total	8,836	0	8,836	0	0	2,311	2,077	234	0	0
Agricultural Research Service	0	0	0	0	0	70	70	0	0	0
Cooperative State Research Svc	8,836	0	8,836	0	0	976	976	0	0	0
Forest Service	0	0	0	0	0	1,265	1,031	234	0	0
Department of Defense, total	119,636	1,573	60,298	56,559	1,206	111,125	15,891	30,743	63,589	902
Department of the Army	10,522	0	5,693	4,806	23	6,067	4,274	1,133	0	660
Department of the Navy	35,263	98	16,933	17,049	1,183	85,879	4,520	25,994	55,365	0
Department of the Air Force	34,195	36	18,606	15,553	0	7,369	4,888	2,481	0	0
Defense agencies	39,656	1,439	19,066	19,151	0	11,810	2,209	1,135	8,224	242
Department of Energy	212,935	0	37,100	175,600	235	50,083	34,843	11,843	3,132	265
Dept of Health & Human Svcs, total	97,881	0	93,061	4,820	0	0	0	0	0	0
National Institutes of Health 1/	97,881	0	93,061	4,820	0	0	0	0	0	0
Other agencies:										
National Aeronautics & Space Admin	184,393	94,100	6,524	61,081	22,688	156,605	70,309	24,728	20,434	41,134
National Science Foundation	458,400	50,042	178,038	219,880	10,440	339,464	70,245	116,635	84,766	67,818

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The basic research obligations of the six agencies included in this table represent approximately 99 percent of total Federal basic research obligations to universities and colleges in fiscal year 1994.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-105. Federal obligations for basic research performed at universities and colleges in engineering, by agency and detailed field of engineering: fiscal year 1992

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Total	Aeronautical	Astronautical	Chemical	Civil	Electrical	Mechanical	Metallurgy and materials	Engineering, n.e.c.
Total, all agencies	556,577	44,305	15,459	41,272	27,710	105,060	82,421	123,087	117,263
Departments:									
Department of Agriculture, total	7,061	0	0	0	0	0	0	0	7,061
Agricultural Research Service	33	0	0	0	0	0	0	0	33
Cooperative State Research Svc	7,028	0	0	0	0	0	0	0	7,028
Department of Defense, total	210,862	18,839	6,636	1,824	4,625	61,857	39,299	72,654	5,128
Department of the Army	23,899	6,184	0	38	564	9,514	1,691	5,858	50
Department of the Navy	55,969	0	0	0	0	22,979	19,763	13,227	0
Department of the Air Force	35,830	8,227	5,782	0	2,448	9,006	3,579	6,788	0
Defense agencies	95,164	4,428	854	1,786	1,613	20,358	14,266	46,781	5,078
Department of Energy	84,789	0	0	6,699	56	0	9,735	19,722	48,577
Dept of Health & Human Svcs, total	31,774	0	0	0	0	0	0	0	31,774
National Institutes of Health 1/	31,774	0	0	0	0	0	0	0	31,774
Other agencies:									
National Aeronautics & Space Admin	67,234	22,605	8,823	1,610	162	4,856	8,504	12,733	7,941
National Science Foundation	154,857	2,861	0	31,139	22,867	38,347	24,883	17,978	16,782

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The basic research obligations of the six agencies included in this table represent approximately 98 percent of total Federal basic research obligations to universities and colleges in fiscal year 1992.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-106. Estimated Federal obligations for basic research performed at universities and colleges in engineering, by agency and detailed field of engineering: fiscal year 1993

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Total	Aero-nautical	Astro-nautical	Chemical	Civil	Elec-trical	Mechan-ical	Metal-lurgy and materials	Engi-neering, n.e.c.
Total, all agencies	623,438	55,992	17,165	47,188	35,197	144,954	102,525	134,057	86,360
Departments:									
Department of Agriculture, total	7,050	0	0	0	0	0	0	0	7,050
Agricultural Research Service	33	0	0	0	0	0	0	0	33
Cooperative State Research Svc	7,017	0	0	0	0	0	0	0	7,017
Department of Defense, total	261,876	25,135	6,240	2,036	8,310	87,354	44,720	77,247	10,834
Department of the Army	24,055	5,964	0	50	1,977	8,643	1,443	5,678	300
Department of the Navy	57,948	0	0	99	0	23,553	20,139	14,157	0
Department of the Air Force	45,603	10,407	6,240	0	3,499	16,988	3,410	5,059	0
Defense agencies	134,270	8,764	0	1,887	2,834	38,170	19,728	52,353	10,534
Department of Energy	39,491	0	0	4,820	41	0	9,800	20,075	4,755
Dept of Health & Human Svcs, total	36,506	0	0	0	0	0	0	0	36,506
National Institutes of Health 1/	36,506	0	0	0	0	0	0	0	36,506
Other agencies:									
National Aeronautics & Space Admin	83,254	27,991	10,925	1,994	201	6,013	10,530	15,767	9,833
National Science Foundation	195,261	2,866	0	38,338	26,645	51,587	37,475	20,968	17,382

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The basic research obligations of the six agencies included in this table represent approximately 99 percent of total Federal basic research obligations to universities and colleges in fiscal year 1993.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-107. Estimated Federal obligations for basic research performed at universities and colleges in engineering, by agency and detailed field of engineering: fiscal year 1994

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Total	Aeronautical	Astronautical	Chemical	Civil	Electrical	Mechanical	Metallurgy and materials	Engineering, n.e.c.
Total, all agencies	668,022	59,325	18,078	52,864	41,042	150,589	117,563	147,305	81,256
Departments:									
Department of Agriculture, total	6,843	0	0	0	0	0	0	0	6,843
Agricultural Research Service	33	0	0	0	0	0	0	0	33
Cooperative State Research Svc	6,810	0	0	0	0	0	0	0	6,810
Department of Defense, total	277,862	27,536	6,792	3,298	8,624	85,824	54,648	86,853	4,287
Department of the Army	24,682	6,259	0	97	1,402	9,254	1,566	6,104	0
Department of the Navy	62,330	0	0	150	0	25,440	21,545	15,195	0
Department of the Air Force	48,373	11,173	6,792	0	4,139	17,841	3,116	5,312	0
Defense agencies	142,477	10,104	0	3,051	3,083	33,289	28,421	60,242	4,287
Department of Energy	41,874	0	0	3,927	34	0	10,770	21,943	5,200
Dept of Health & Human Svcs, total	37,076	0	0	0	0	0	0	0	37,076
National Institutes of Health 1/	37,076	0	0	0	0	0	0	0	37,076
Other agencies:									
National Aeronautics & Space Admin	86,006	28,917	11,286	2,060	207	6,212	10,878	16,288	10,158
National Science Foundation	218,361	2,872	0	43,579	32,177	58,553	41,267	22,221	17,692

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The basic research obligations of the six agencies included in this table represent approximately 99 percent of total Federal basic research obligations to universities and colleges in fiscal year 1994.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-108. Federal obligations for basic research performed at universities and colleges in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Total, all agencies	329,073	145,463	181,149	2,461	70,159	6,922	22,535	3,938	7,580	29,184
Departments:										
Department of Agriculture, total	1,099	238	861	0	14,207	0	11,602	0	2,605	0
Agricultural Research Service	861	0	861	0	10	0	10	0	0	0
Cooperative State Research Svc	0	0	0	0	12,951	0	10,346	0	2,605	0
Economic Research Service	0	0	0	0	311	0	311	0	0	0
Forest Service	238	238	0	0	935	0	935	0	0	0
Department of Defense, total	97,884	38,805	57,936	1,143	3,205	0	0	0	0	3,205
Department of the Army	10,654	6,249	4,405	0	0	0	0	0	0	0
Department of the Navy	23,976	12,015	10,877	1,084	0	0	0	0	0	0
Department of the Air Force	17,269	10,709	6,560	0	0	0	0	0	0	0
Defense agencies	45,985	9,832	36,094	59	3,205	0	0	0	0	3,205
Department of Energy	19,105	15,122	3,983	0	0	0	0	0	0	0
Dept of Health & Human Svcs, total	3,593	3,593	0	0	13,983	0	0	0	0	13,983
National Institutes of Health 1/	3,593	3,593	0	0	13,983	0	0	0	0	13,983
Other agencies:										
National Aeronautics & Space Admin	18,688	873	16,497	1,318	39	0	0	0	0	39
National Science Foundation	188,704	86,832	101,872	0	38,725	6,922	10,933	3,938	4,975	11,957

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The basic research obligations of the six agencies included in this table represent approximately 98 percent of total Federal basic research obligations to universities and colleges in fiscal year 1992.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-109. Estimated Federal obligations for basic research performed at universities and colleges in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

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Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Total, all agencies	358,679	144,144	211,178	3,357	84,926	7,625	23,074	4,450	7,463	42,314
Departments:										
Department of Agriculture, total	1,043	254	789	0	14,022	0	11,423	0	2,599	0
Agricultural Research Service	789	0	789	0	11	0	11	0	0	0
Cooperative State Research Svc	0	0	0	0	12,930	0	10,331	0	2,599	0
Economic Research Service	0	0	0	0	112	0	112	0	0	0
Forest Service	254	254	0	0	969	0	969	0	0	0
Department of Defense, total	124,696	45,879	77,492	1,325	12,480	0	0	0	0	12,480
Department of the Army	10,274	6,127	4,117	30	0	0	0	0	0	0
Department of the Navy	24,730	12,574	11,110	1,046	0	0	0	0	0	0
Department of the Air Force	22,721	14,790	7,931	0	0	0	0	0	0	0
Defense agencies	66,971	12,388	54,334	249	12,480	0	0	0	0	12,480
Department of Energy	14,520	10,285	4,235	0	0	0	0	0	0	0
Dept of Health & Human Svcs, total	4,015	4,015	0	0	16,062	0	0	0	0	16,062
National Institutes of Health 1/	4,015	4,015	0	0	16,062	0	0	0	0	16,062
Other agencies:										
National Aeronautics & Space Admin	23,141	1,081	20,428	1,632	48	0	0	0	0	48
National Science Foundation	191,264	82,630	108,234	400	42,314	7,625	11,651	4,450	4,864	13,724

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The basic research obligations of the six agencies included in this table represent approximately 99 percent of total Federal basic research obligations to universities and colleges in fiscal year 1993.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-110. Estimated Federal obligations for basic research performed at universities and colleges in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Total, all agencies	374,952	155,814	215,839	3,299	77,736	8,652	23,826	4,828	8,913	31,517
Departments:										
Department of Agriculture, total	1,087	298	789	0	13,913	0	11,155	0	2,758	0
Agricultural Research Service	789	0	789	0	11	0	11	0	0	0
Cooperative State Research Svc	0	0	0	0	12,675	0	9,917	0	2,758	0
Economic Research Service	0	0	0	0	112	0	112	0	0	0
Forest Service	298	298	0	0	1,115	0	1,115	0	0	0
Department of Defense, total	117,907	49,367	67,407	1,133	290	0	0	0	0	290
Department of the Army	10,407	6,372	3,985	50	0	0	0	0	0	0
Department of the Navy	26,380	13,454	11,843	1,083	0	0	0	0	0	0
Department of the Air Force	24,100	15,660	8,440	0	0	0	0	0	0	0
Defense agencies	57,020	13,881	43,139	0	290	0	0	0	0	290
Department of Energy	15,870	11,300	4,570	0	0	0	0	0	0	0
Dept of Health & Human Svcs, total	4,078	4,078	0	0	16,313	0	0	0	0	16,313
National Institutes of Health 1/	4,078	4,078	0	0	16,313	0	0	0	0	16,313
Other agencies:										
National Aeronautics & Space Admin	23,906	1,117	21,103	1,686	50	0	0	0	0	50
National Science Foundation	212,104	89,654	121,970	480	47,170	8,652	12,671	4,828	6,155	14,864

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The basic research obligations of the six agencies included in this table represent approximately 99 percent of total Federal basic research obligations to universities and colleges in fiscal year 1994.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-111. Federal obligations for applied research performed at universities and colleges, by detailed field of science and engineering: fiscal years 1992, 1993, and 1994

[Dollars in thousands]

Page 1 of 1

Field of science and engineering	1992	Estimates	
		1993	1994
Total, all fields	2,415,337	2,652,831	2,726,857
Life sciences, total	1,530,595	1,649,252	1,683,986
Biological (excluding environmental)	648,380	739,834	754,595
Environmental biology	47,439	48,270	50,455
Agricultural	82,813	81,728	80,137
Medical	731,494	760,707	779,389
Life sciences, n.e.c	20,469	18,713	19,410
Psychology, total	42,654	46,117	45,719
Biological aspects	327	354	501
Social aspects	8,505	6,740	6,201
Psychological sciences, n.e.c.	33,822	39,023	39,017
Physical sciences, total	194,058	225,989	215,694
Astronomy	8,268	10,073	10,501
Chemistry	46,697	50,511	47,162
Physics	135,387	153,605	153,625
Physical sciences, n.e.c.	3,706	11,800	4,406
Environmental sciences, total	30,065	30,646	28,070
Atmospheric	11,674	12,699	11,404
Geological	10,364	10,139	9,008
Oceanography	1,659	1,943	1,736
Environmental sciences, n.e.c.	6,368	5,865	5,922
Mathematics & computer sciences, total	148,604	182,920	220,578
Mathematics	4,982	16,212	13,445
Computer sciences	138,734	157,332	202,919
Mathematics & computer sciences, n.e.c.	4,888	9,376	4,214
Engineering, total	279,506	310,794	315,868
Aeronautical	12,619	15,061	16,710
Astronautical	9,614	11,777	8,927
Chemical	28,498	34,052	29,915
Civil	12,098	12,904	14,886
Electrical	43,475	52,748	47,665
Mechanical	16,670	17,880	16,680
Metallurgy & materials	60,320	51,624	44,599
Engineering, n.e.c.	96,212	114,748	136,486
Social sciences, total	104,450	107,571	119,685
Anthropology	1,065	385	257
Economics	38,551	39,881	38,027
Political science	589	787	835
Sociology	35,593	39,221	47,828
Social sciences, n.e.c.	28,652	27,297	32,738
Other sciences, n.e.c.	85,405	99,542	97,257

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The applied research obligations of the six agencies included in this table represent approximately 89 percent of total Federal applied research obligations to universities and colleges in fiscal years 1992, 1993, and 1994.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-112. Federal obligations for applied research performed at universities and colleges, by agency and field of science and engineering: fiscal year 1992

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Total, all agencies	2,415,337	1,530,595	42,654	191,058	30,065	148,604	279,506	104,450	85,405
Departments:									
Department of Agriculture, total	237,563	164,568	0	14,117	3,554	1,927	16,192	37,205	0
Agricultural Cooperative Service	334	0	0	0	0	0	0	334	0
Agricultural Marketing Service 1/	170	170	0	0	0	0	0	0	0
Agricultural Research Service	9,425	7,849	0	0	55	1,487	26	8	0
Cooperative State Research Svc	208,960	142,885	0	14,117	2,090	0	16,166	33,702	0
Economic Research Service	1,908	0	0	0	0	0	0	1,908	0
Federal Grain Inspection Service	327	327	0	0	0	0	0	0	0
Forest Service	15,113	12,131	0	0	1,409	320	0	1,253	0
Human Nutrition Information Svc	917	917	0	0	0	0	0	0	0
Nat'l Agricultural Statistics Svc	120	0	0	0	0	120	0	0	0
Office of International Cooperation & Development	289	289	0	0	0	0	0	0	0
Department of Defense, total	313,345	28,986	8,336	21,106	11,399	124,213	116,121	483	2,701
Department of the Army	34,843	7,104	1,235	1,727	5,065	4,580	12,313	483	2,336
Department of the Navy	43,175	1,261	1,274	11,480	1,494	1,486	25,815	0	365
Department of the Air Force	30,735	242	5,827	5,608	0	1,626	17,432	0	0
Defense agencies	204,592	20,379	0	2,291	4,840	116,521	60,581	0	0
Department of Energy	200,493	54,768	0	82,658	5,987	0	49,606	0	7,474
Dept of Health & Human Svcs, total	1,450,273	1,263,797	32,653	14,909	0	2,335	13,263	60,206	63,110
Administration on Aging 2/	788	0	0	0	0	0	0	788	0
Admin for Children & Families 2/ 3/	4,961	0	0	0	0	0	0	4,961	0
Agency for Health Care Policy & Research 4/	48,537	12,097	79	0	0	629	0	34,548	1,184
Centers for Disease Control	43,509	43,509	0	0	0	0	0	0	0
Food & Drug Administration	9,300	9,300	0	0	0	0	0	0	0
Health Care Financing Admin	7,240	0	0	0	0	0	0	7,240	0
Health Resources & Svcs Admin	5,668	5,668	0	0	0	0	0	0	0
National Institutes of Health 5/	1,327,544	1,193,223	32,574	14,909	0	1,706	13,263	9,943	61,926
Office of the Secretary	964	0	0	0	0	0	0	964	0
Social Security Administration	1,762	0	0	0	0	0	0	1,762	0
Other agencies:									
National Aeronautics & Space Admin	109,412	6,414	219	46,094	6,833	2,429	40,904	0	6,519
National Science Foundation	104,251	12,062	1,446	15,174	2,292	17,700	43,420	6,556	5,601

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The applied research obligations of the six agencies included in this table represent approximately 89 percent of total Federal applied research obligations to universities and colleges in fiscal year 1992.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-113. Estimated Federal obligations for applied research performed at universities and colleges, by agency and field of science and engineering: fiscal year 1993

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Total, all agencies	2,652,831	1,649,252	46,117	225,989	30,646	182,920	310,794	107,571	99,542
Departments:									
Department of Agriculture, total	235,732	163,704	0	14,107	3,591	2,070	16,173	36,087	0
Agricultural Cooperative Service	500	0	0	0	0	0	0	500	0
Agricultural Research Service	9,512	7,841	0	0	56	1,581	26	8	0
Cooperative State Research Svc	208,696	142,686	0	14,107	2,090	0	16,147	33,666	0
Economic Research Service	688	0	0	0	0	0	0	688	0
Federal Grain Inspection Service	50	50	0	0	0	0	0	0	0
Forest Service	15,442	12,443	0	0	1,445	329	0	1,225	0
Human Nutrition Information Svc	564	564	0	0	0	0	0	0	0
Nat'l Agricultural Statistics Svc	160	0	0	0	0	160	0	0	0
Office of International Cooperation & Development	120	120	0	0	0	0	0	0	0
Department of Defense, total	341,655	8,842	6,736	32,334	9,608	151,854	127,388	210	4,683
Department of the Army	29,866	6,612	665	945	3,933	3,949	12,209	210	1,343
Department of the Navy	52,989	1,548	1,563	14,090	1,834	1,824	31,682	0	448
Department of the Air Force	35,834	354	4,508	6,979	0	2,132	21,861	0	0
Defense agencies	222,966	328	0	10,320	3,841	143,949	61,636	0	2,892
Department of Energy	171,138	16,199	0	89,994	6,606	0	51,611	0	6,728
Dept of Health & Human Svcs, total	1,648,235	1,439,703	37,229	17,019	0	2,548	15,195	64,084	72,457
Administration on Aging 1/	788	0	0	0	0	0	0	788	0
Admin for Children & Families 1/ 2/	2,334	0	0	0	0	0	0	2,334	0
Agency for Health Care Policy & Research 3/	52,825	13,153	0	0	0	573	0	37,611	1,488
Centers for Disease Control	45,684	45,684	0	0	0	0	0	0	0
Food & Drug Administration	9,391	9,391	0	0	0	0	0	0	0
Health Care Financing Admin	6,855	0	0	0	0	0	0	6,855	0
Health Resources & Svcs Admin	5,668	5,668	0	0	0	0	0	0	0
National Institutes of Health 4/	1,519,590	1,365,807	37,229	17,019	0	1,975	15,195	11,396	70,969
Office of the Secretary	4,000	0	0	0	0	0	0	4,000	0
Social Security Administration	1,100	0	0	0	0	0	0	1,100	0
Other agencies:									
National Aeronautics & Space Admin	135,482	7,942	271	57,077	8,461	3,008	50,650	0	8,073
National Science Foundation	120,589	12,862	1,881	15,458	2,380	23,440	49,777	7,190	7,601

1/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

2/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

3/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

4/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

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Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-114. Estimated Federal obligations for applied research performed at universities and colleges, by agency and field of science and engineering: fiscal year 1994

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Total, all agencies	2,726,857	1,683,986	45,719	215,694	28,070	220,578	315,868	119,685	97,257
Departments:									
Department of Agriculture, total	225,063	160,947	0	12,110	3,145	2,101	14,366	32,394	0
Agricultural Research Service	9,512	7,841	0	0	56	1,581	26	8	0
Cooperative State Research Svc	196,395	138,274	0	12,110	1,443	0	14,340	30,228	0
Economic Research Service	688	0	0	0	0	0	0	688	0
Forest Service	17,794	14,318	0	0	1,646	360	0	1,470	0
Human Nutrition Information Svc	394	394	0	0	0	0	0	0	0
Nat'l Agricultural Statistics Svc	160	0	0	0	0	160	0	0	0
Office of International Cooperation & Development	120	120	0	0	0	0	0	0	0
Department of Defense, total	367,476	11,112	6,129	21,335	7,643	188,904	130,738	58	1,557
Department of the Army	29,354	8,931	1,109	580	2,850	3,648	11,082	58	1,096
Department of the Navy	44,106	1,288	1,301	11,734	1,526	1,517	26,371	0	369
Department of the Air Force	33,767	604	3,719	6,579	0	2,123	20,742	0	0
Defense agencies	260,249	289	0	2,442	3,267	181,616	72,543	0	92
Department of Energy	175,813	19,202	0	90,395	6,035	0	54,818	0	5,363
Dept of Health & Human Svcs, total	1,693,042	1,468,839	37,811	17,285	0	2,741	15,433	77,747	73,186
Administration on Aging 1/	788	0	0	0	0	0	0	788	0
Admin for Children & Families 1/ 2/	2,285	0	0	0	0	0	0	2,285	0
Agency for Health Care Policy & Research 3/	67,823	16,888	0	0	0	735	0	48,290	1,910
Centers for Disease Control	47,968	47,968	0	0	0	0	0	0	0
Food & Drug Administration	10,378	10,378	0	0	0	0	0	0	0
Health Care Financing Admin	9,810	0	0	0	0	0	0	9,810	0
Health Resources & Svcs Admin	5,668	5,668	0	0	0	0	0	0	0
National Institutes of Health 4/	1,543,322	1,387,937	37,811	17,285	0	2,006	15,433	11,574	71,276
Office of the Secretary	4,000	0	0	0	0	0	0	4,000	0
Social Security Administration	1,000	0	0	0	0	0	0	1,000	0
Other agencies:									
National Aeronautics & Space Admin	139,961	8,205	280	58,964	8,741	3,107	52,325	0	8,339
National Science Foundation	125,502	15,681	1,499	15,605	2,506	23,725	48,188	9,486	8,812

1/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

2/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

3/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

4/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

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KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-115. Federal obligations for applied research performed at universities and colleges in psychology and life sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Psychology				Life sciences					
	Total	Biological aspects	Social aspects	Psychological sciences, n.e.c.	Total	Biological	Environmental biology	Agricultural	Medical	Life sciences, n.e.c.
Total, all agencies	42,654	327	8,505	33,822	1,530,595	648,380	47,439	82,813	731,494	20,469
Departments:										
Department of Agriculture, total	0	0	0	0	164,568	39,605	41,463	78,963	4,537	0
Agricultural Marketing Service 1/	0	0	0	0	170	0	0	170	0	0
Agricultural Research Service	0	0	0	0	7,849	1,077	582	6,146	44	0
Cooperative State Research Svc	0	0	0	0	142,885	30,335	36,943	71,114	4,493	0
Federal Grain Inspection Service	0	0	0	0	327	0	0	327	0	0
Forest Service	0	0	0	0	12,131	8,193	3,938	0	0	0
Human Nutrition Information Svc	0	0	0	0	917	0	0	917	0	0
Office of International Cooperation & Development	0	0	0	0	289	0	0	289	0	0
Department of Defense, total	8,336	195	8,141	0	28,986	592	487	0	27,742	165
Department of the Army	1,235	0	1,235	0	7,104	283	99	0	6,722	0
Department of the Navy	1,274	195	1,079	0	1,261	309	146	0	806	0
Department of the Air Force	5,827	0	5,827	0	242	0	242	0	0	0
Defense agencies	0	0	0	0	20,379	0	0	0	20,214	165
Department of Energy	0	0	0	0	54,768	2,068	100	50	52,268	282
Dept of Health & Human Svcs, total	32,653	0	79	32,574	1,263,797	594,311	60	3,800	646,743	18,883
Agency for Health Care Policy & Research 2/	79	0	79	0	12,097	0	0	0	12,097	0
Centers for Disease Control	0	0	0	0	43,509	0	0	0	43,509	0
Food & Drug Administration	0	0	0	0	9,300	800	0	3,800	0	4,700
Health Resources & Svcs Admin	0	0	0	0	5,668	0	0	0	5,668	0
National Institutes of Health 3/	32,574	0	0	32,574	1,193,223	593,511	60	0	585,469	14,183
Other agencies:										
National Aeronautics & Space Admin	219	0	62	157	6,414	4,912	175	0	204	1,123
National Science Foundation	1,446	132	223	1,091	12,062	6,892	5,154	0	0	16

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

3/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The applied research obligations of the six agencies included in this table represent approximately 99 percent of total Federal applied research obligations to universities and colleges in fiscal year 1992.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-116. Estimated Federal obligations for applied research performed at universities and colleges in psychology and life sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

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Agency and subdivision	Psychology				Life sciences					
	Total	Biological aspects	Social aspects	Psychological sciences, n.e.c.	Total	Biological	Environmental biology	Agricultural	Medical	Life sciences, n.e.c.
Total, all agencies	46,117	354	6,740	39,023	1,649,252	739,834	48,270	81,728	760,707	18,713
Departments:										
Department of Agriculture, total	0	0	0	0	163,704	39,788	41,509	77,878	4,529	0
Agricultural Research Service	0	0	0	0	7,841	1,087	587	6,123	44	0
Cooperative State Research Svc	0	0	0	0	142,686	30,297	36,883	71,021	4,485	0
Federal Grain Inspection Service	0	0	0	0	50	0	0	50	0	0
Forest Service	0	0	0	0	12,443	8,404	4,039	0	0	0
Human Nutrition Information Svc	0	0	0	0	564	0	0	564	0	0
Office of International Cooperation & Development	0	0	0	0	120	0	0	120	0	0
Department of Defense, total	6,736	239	6,497	0	8,842	716	682	0	7,116	328
Department of the Army	665	0	665	0	6,612	337	149	0	6,126	0
Department of the Navy	1,563	239	1,324	0	1,548	379	179	0	990	0
Department of the Air Force	4,508	0	4,508	0	354	0	354	0	0	0
Defense agencies	0	0	0	0	328	0	0	0	0	328
Department of Energy	0	0	0	0	16,199	1,909	75	50	14,165	0
Dept of Health & Human Svcs, total	37,229	0	0	37,229	1,439,703	684,199	81	3,800	734,644	16,979
Agency for Health Care Policy & Research 1/	0	0	0	0	13,153	0	0	0	13,153	0
Centers for Disease Control	0	0	0	0	45,684	0	0	0	45,684	0
Food & Drug Administration	0	0	0	0	9,391	4,791	0	3,800	0	800
Health Resources & Svcs Admin	0	0	0	0	5,668	0	0	0	5,668	0
National Institutes of Health 2/	37,229	0	0	37,229	1,365,807	679,408	81	0	670,139	16,179
Other agencies:										
National Aeronautics & Space Admin	271	0	77	194	7,942	6,082	217	0	253	1,390
National Science Foundation	1,881	115	166	1,600	12,862	7,140	5,706	0	0	16

1/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

2/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The applied research obligations of the six agencies included in this table represent approximately 90 percent of total Federal applied research obligations to universities and colleges in fiscal year 1993.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-117. Estimated Federal obligations for applied research performed at universities and colleges in psychology and life sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

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Agency and subdivision	Psychology				Life sciences					
	Total	Bio-logical aspects	Social aspects	Psycho-logical sciences, n.e.c.	Total	Bio-logical	Environ-mental biology	Agri-cultural	Medical	Life sciences, n.e.c.
Total, all agencies	45,719	501	6,201	39,017	1,683,966	754,595	50,455	80,137	779,369	19,410
Departments:										
Department of Agriculture, total	0	0	0	0	160,947	41,303	42,269	75,861	1,514	0
Agricultural Research Service	0	0	0	0	7,841	1,087	587	6,123	44	0
Cooperative State Research Svc	0	0	0	0	138,274	30,542	37,038	69,224	1,470	0
Forest Service	0	0	0	0	14,318	9,674	4,644	0	0	0
Human Nutrition Information Svc	0	0	0	0	394	0	0	394	0	0
Office of International Cooperation & Development	0	0	0	0	120	0	0	120	0	0
Department of Defense, total	6,129	199	5,930	0	11,112	577	566	0	9,680	289
Department of the Army	1,109	0	1,109	0	8,931	262	115	0	8,554	0
Department of the Navy	1,301	199	1,102	0	1,288	315	149	0	824	0
Department of the Air Force	3,719	0	3,719	0	604	0	302	0	302	0
Defense agencies	0	0	0	0	289	0	0	0	0	289
Department of Energy	0	0	0	0	19,202	1,828	125	50	16,805	394
Dept of Health & Human Svcs, total	37,811	0	0	37,811	1,468,839	696,126	84	4,226	751,129	17,274
Agency for Health Care Policy & Research 1/	0	0	0	0	16,888	0	0	0	16,888	0
Centers for Disease Control	0	0	0	0	47,968	0	0	0	47,968	0
Food & Drug Administration	0	0	0	0	10,378	5,307	0	4,226	0	845
Health Resources & Svcs Admin	0	0	0	0	5,668	0	0	0	5,668	0
National Institutes of Health 2/	37,811	0	0	37,811	1,387,937	690,819	84	0	680,605	16,429
Other agencies:										
National Aeronautics & Space Admin	280	0	79	201	8,205	6,283	224	0	261	1,437
National Science Foundation	1,499	302	192	1,005	15,681	8,478	7,187	0	0	16

1/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

2/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

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KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-118. Federal obligations for applied research performed at universities and colleges in physical and environmental sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Total, all agencies	194,058	8,268	46,697	135,387	3,706	30,065	11,674	10,364	1,659	6,368
Departments:										
Department of Agriculture, total	14,117	0	14,117	0	0	3,554	3,302	252	0	0
Agricultural Research Service	0	0	0	0	0	55	55	0	0	0
Cooperative State Research Svc	14,117	0	14,117	0	0	2,090	2,090	0	0	0
Forest Service	0	0	0	0	0	1,409	1,157	252	0	0
Department of Defense, total	21,106	0	2,617	17,714	775	11,399	2,821	5,026	1,079	2,473
Department of the Army	1,727	0	1,172	155	400	5,065	2,538	54	0	2,473
Department of the Navy	11,480	0	1,067	10,160	253	1,494	283	132	1,079	0
Department of the Air Force	5,608	0	378	5,230	0	0	0	0	0	0
Defense agencies	2,291	0	0	2,169	122	4,840	0	4,840	0	0
Department of Energy	82,658	0	8,567	73,185	906	5,987	366	4,121	0	1,500
Dept of Health & Human Svcs, total	14,909	0	13,889	1,020	0	0	0	0	0	0
National Institutes of Health 1/	14,909	0	13,889	1,020	0	0	0	0	0	0
Other agencies:										
National Aeronautics & Space Admin	46,094	7,718	138	36,624	1,614	6,833	4,551	184	65	2,033
National Science Foundation	15,174	550	7,369	6,844	411	2,292	634	781	515	362

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

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KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-119. Estimated Federal obligations for applied research performed at universities and colleges in physical and environmental sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Total, all agencies	225,989	10,073	50,511	153,605	11,800	30,646	12,699	10,139	1,943	5,865
Departments:										
Department of Agriculture, total	14,107	0	14,107	0	0	3,591	3,333	258	0	0
Agricultural Research Service	0	0	0	0	0	56	56	0	0	0
Cooperative State Research Svc	14,107	0	14,107	0	0	2,090	2,090	0	0	0
Forest Service	0	0	0	0	0	1,445	1,187	258	0	0
Department of Defense, total	32,334	0	2,579	20,062	9,693	9,608	2,759	4,049	1,324	1,476
Department of the Army	945	0	850	95	0	3,933	2,412	45	0	1,476
Department of the Navy	14,090	0	1,309	12,471	310	1,834	347	163	1,324	0
Department of the Air Force	6,979	0	420	6,559	0	0	0	0	0	0
Defense agencies	10,320	0	0	937	9,383	3,841	0	3,841	0	0
Department of Energy	89,994	0	9,772	80,222	0	6,606	425	4,771	0	1,410
Dept of Health & Human Svcs, total	17,019	0	15,955	1,064	0	0	0	0	0	0
National Institutes of Health 1/	17,019	0	15,955	1,064	0	0	0	0	0	0
Other agencies:										
National Aeronautics & Space Admin	57,077	9,557	171	45,350	1,999	8,461	5,635	228	80	2,518
National Science Foundation	15,458	516	7,927	6,907	108	2,380	547	833	539	461

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

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KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-120. Estimated Federal obligations for applied research performed at universities and colleges in physical and environmental sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chemistry	Physics	Physical sciences, n.e.c.	Total	Atmospheric	Geological	Oceanography	Environmental sciences, n.e.c.
Total, all agencies	215,694	10,501	47,162	153,625	4,406	28,070	11,404	9,008	1,736	5,922
Departments:										
Department of Agriculture, total	12,110	0	12,110	0	0	3,145	2,857	288	0	0
Agricultural Research Service	0	0	0	0	0	56	56	0	0	0
Cooperative State Research Svc	12,110	0	12,110	0	0	1,443	1,443	0	0	0
Forest Service	0	0	0	0	0	1,646	1,358	288	0	0
Department of Defense, total	21,335	0	2,043	18,445	847	7,643	1,562	3,466	1,103	1,512
Department of the Army	580	0	545	35	0	2,850	1,274	64	0	1,512
Department of the Navy	11,734	0	1,090	10,386	258	1,526	288	135	1,103	0
Department of the Air Force	6,579	0	408	6,171	0	0	0	0	0	0
Defense agencies	2,442	0	0	1,853	589	3,267	0	3,267	0	0
Department of Energy	90,395	0	8,462	80,988	945	6,035	425	4,103	0	1,507
Dept of Health & Human Svcs, total	17,285	0	16,204	1,081	0	0	0	0	0	0
National Institutes of Health 1/	17,285	0	16,204	1,081	0	0	0	0	0	0
Other agencies:										
National Aeronautics & Space Admin	58,964	9,872	177	46,850	2,065	8,741	5,822	235	83	2,601
National Science Foundation	15,605	629	8,166	6,261	549	2,506	738	916	550	302

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

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KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-121. Federal obligations for applied research performed at universities and colleges in engineering, by agency and detailed field of engineering: fiscal year 1992

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Total	Aeronautical	Astronautical	Chemical	Civil	Electrical	Mechanical	Metallurgy and materials	Engineering, n.e.c.
Total, all agencies	279,506	12,619	9,614	28,498	12,098	43,475	16,670	60,320	96,212
Departments:									
Department of Agriculture, total	16,192	0	0	0	0	0	0	0	16,192
Agricultural Research Service	26	0	0	0	0	0	0	0	26
Cooperative State Research Svc	16,166	0	0	0	0	0	0	0	16,166
Department of Defense, total	116,121	5,248	6,182	1,234	4,685	28,724	8,066	49,789	12,193
Department of the Army	12,313	855	96	589	3,487	3,801	2,225	156	1,104
Department of the Navy	25,815	645	4,048	645	1,198	9,245	5,493	4,373	168
Department of the Air Force	17,432	3,748	2,038	0	0	4,681	348	3,790	2,827
Defense agencies	60,561	0	0	0	0	10,997	0	41,470	8,094
Department of Energy	49,606	0	0	17,877	2,462	1,883	63	694	26,627
Dept of Health & Human Svcs, total	13,263	0	0	0	0	0	0	0	13,263
National Institutes of Health 1/	13,263	0	0	0	0	0	0	0	13,263
Other agencies:									
National Aeronautics & Space Admin	40,904	7,241	3,432	10	0	2,144	1,801	6,715	19,561
National Science Foundation	43,420	130	0	9,377	4,951	10,724	6,740	3,122	8,376

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The applied research obligations of the six agencies included in this table represent approximately 89 percent of total Federal applied research obligations to universities and colleges in fiscal year 1992.

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KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-122. Estimated Federal obligations for applied research performed at universities and colleges in engineering, by agency and detailed field of engineering: fiscal year 1993

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Total	Aeronautical	Astronautical	Chemical	Civil	Electrical	Mechanical	Metallurgy and materials	Engineering, n.e.c.
Total, all agencies	310,794	15,061	11,777	34,052	12,904	52,748	17,880	51,624	114,748
Departments:									
Department of Agriculture, total	16,173	0	0	0	0	0	0	0	16,173
Agricultural Research Service	26	0	0	0	0	0	0	0	26
Cooperative State Research Svc	16,147	0	0	0	0	0	0	0	16,147
Department of Defense, total	127,388	5,965	7,527	1,409	6,454	34,886	8,654	39,574	22,919
Department of the Army	12,209	527	190	482	4,393	3,107	1,476	205	1,829
Department of the Navy	31,682	792	4,968	792	1,470	11,346	6,742	5,366	206
Department of the Air Force	21,861	4,646	2,369	135	0	6,211	436	4,814	3,250
Defense agencies	61,636	0	0	0	591	14,222	0	29,189	17,634
Department of Energy	51,611	0	0	20,860	2,950	2,141	66	800	24,794
Dept of Health & Human Svcs, total	15,195	0	0	0	0	0	0	0	15,195
National Institutes of Health 1/	15,195	0	0	0	0	0	0	0	15,195
Other agencies:									
National Aeronautics & Space Admin	50,650	8,966	4,250	12	0	2,655	2,230	8,315	24,222
National Science Foundation	49,777	130	0	11,771	3,500	13,066	6,930	2,935	11,445

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The applied research obligations of the six agencies included in this table represent approximately 90 percent of total Federal applied research obligations to universities and colleges in fiscal year 1993.

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SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-123. Estimated Federal obligations for applied research performed at universities and colleges in engineering, by agency and detailed field of engineering: fiscal year 1994

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Total	Aero-nautical	Astro-nautical	Chemical	Civil	Elec-trical	Mechan-ical	Metal-lurgy and materials	Engi-neering, n.e.c.
Total, all agencies	315,868	16,710	8,927	29,915	14,886	47,665	16,680	44,599	136,486
Departments:									
Department of Agriculture, total	14,366	0	0	0	0	0	0	0	14,366
Agricultural Research Service	26	0	0	0	0	0	0	0	26
Cooperative State Research Svc	14,340	0	0	0	0	0	0	0	14,340
Department of Defense, total	130,738	7,318	4,537	1,219	6,912	29,874	7,260	32,074	41,544
Department of the Army	11,082	372	104	415	4,999	1,902	1,224	390	1,676
Department of the Navy	26,371	659	4,135	659	1,224	9,444	5,612	4,467	171
Department of the Air Force	20,742	6,287	298	145	0	6,170	424	4,722	2,696
Defense agencies	72,543	0	0	0	689	12,358	0	22,495	37,001
Department of Energy	54,818	0	0	17,935	3,572	2.704	94	698	29,815
Dept of Health & Human Svcs, total	15,433	0	0	0	0	0	0	0	15,433
National Institutes of Health 1/	15,433	0	0	0	0	0	0	0	15,433
Other agencies:									
National Aeronautics & Space Admin	52,325	9,262	4,390	13	0	2,743	2,304	8,590	25,023
National Science Foundation	48,188	130	0	10,748	4,402	12,344	7,022	3,237	10,305

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The applied research obligations of the six agencies included in this table represent approximately 89 percent of total Federal applied research obligations to universities and colleges in fiscal year 1994.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-124. Federal obligations for applied research performed at universities and colleges in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1992

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Total, all agencies	148,604	4,982	138,734	4,888	104,450	1,065	38,551	589	35,593	28,652
Departments:										
Department of Agriculture, total	1,927	440	1,487	0	37,205	0	31,109	0	6,096	0
Agricultural Cooperative Service	0	0	0	0	334	0	334	0	0	0
Agricultural Research Service	1,487	0	1,487	0	8	0	8	0	0	0
Cooperative State Research Svc	0	0	0	0	33,702	0	27,606	0	6,096	0
Economic Research Service	0	0	0	0	1,908	0	1,908	0	0	0
Forest Service	320	320	0	0	1,253	0	1,253	0	0	0
Nat'l Agricultural Statistics Svc	120	120	0	0	0	0	0	0	0	0
Department of Defense, total	124,213	1,156	119,731	3,326	483	418	40	0	25	0
Department of the Army	4,580	14	4,060	506	483	418	40	0	25	0
Department of the Navy	1,486	42	1,368	76	0	0	0	0	0	0
Department of the Air Force	1,626	1,007	619	0	0	0	0	0	0	0
Defense agencies	116,521	93	113,684	2,744	0	0	0	0	0	0
Dept of Health & Human Svcs, total	2,335	2,173	0	162	60,206	0	5,276	48	28,441	26,441
Administration on Aging 1/	0	0	0	0	788	0	0	0	0	788
Admin for Children & Families 1/ 2/	0	0	0	0	4,961	0	0	0	0	4,961
Agency for Health Care Policy & Research 3/	629	467	0	162	34,548	0	4,698	0	28,103	1,747
Health Care Financing Admin	0	0	0	0	7,240	0	0	0	0	7,240
National Institutes of Health 4/	1,706	1,706	0	0	9,943	0	0	0	0	9,943
Office of the Secretary	0	0	0	0	964	0	578	48	338	0
Social Security Administration	0	0	0	0	1,762	0	0	0	0	1,762
Other agencies:										
National Aeronautics & Space Admin	2,429	0	1,696	733	0	0	0	0	0	0
National Science Foundation	17,700	1,213	15,820	667	6,556	647	2,126	541	1,031	2,211

1/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

2/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

3/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

4/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The applied research obligations of the six agencies included in this table represent approximately 89 percent of total Federal applied research obligations to universities and colleges in fiscal year 1992.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-125. Estimated Federal obligations for applied research performed at universities and colleges in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1993

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Total, all agencies	182,920	16,212	157,332	9,376	107,571	385	39,881	787	39,221	27,297
Departments:										
Department of Agriculture, total	2,070	489	1,581	0	36,087	0	29,999	0	6,088	0
Agricultural Cooperative Service	0	0	0	0	500	0	500	0	0	0
Agricultural Research Service	1,581	0	1,581	0	8	0	8	0	0	0
Cooperative State Research Svc	0	0	0	0	33,666	0	27,578	0	6,088	0
Economic Research Service	0	0	0	0	688	0	688	0	0	0
Forest Service	329	329	0	0	1,225	0	1,225	0	0	0
Nat'l Agricultural Statistics Svc	160	160	0	0	0	0	0	0	0	0
Department of Defense, total	151,854	11,971	133,115	6,768	210	150	36	0	24	0
Department of the Army	3,949	0	3,371	578	210	150	36	0	24	0
Department of the Navy	1,824	51	1,680	93	0	0	0	0	0	0
Department of the Air Force	2,132	1,275	857	0	0	0	0	0	0	0
Defense agencies	143,949	10,645	127,207	6,097	0	0	0	0	0	0
Dept of Health & Human Svcs, total	2,548	2,485	63	0	64,084	0	7,515	200	32,015	24,354
Administration on Aging 1/	0	0	0	0	788	0	0	0	0	788
Admin for Children & Families 1/ 2/	0	0	0	0	2,334	0	0	0	0	2,334
Agency for Health Care Policy & Research 3/	573	510	63	0	37,611	0	5,115	0	30,615	1,881
Health Care Financing Admin	0	0	0	0	6,855	0	0	0	0	6,855
National Institutes of Health 4/	1,975	1,975	0	0	11,396	0	0	0	0	11,396
Office of the Secretary	0	0	0	0	4,000	0	2,400	200	1,400	0
Social Security Administration	0	0	0	0	1,100	0	0	0	0	1,100
Other agencies:										
National Aeronautics & Space Admin	3,008	0	2,100	908	0	0	0	0	0	0
National Science Foundation	23,440	1,267	20,473	1,700	7,190	235	2,331	587	1,094	2,943

1/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

2/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

3/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

4/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The applied research obligations of the six agencies included in this table represent approximately 90 percent of total Federal applied research obligations to universities and colleges in fiscal year 1993.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-126. Estimated Federal obligations for applied research performed at universities and colleges in mathematics and computer sciences and in social sciences, by agency and detailed field of science: fiscal year 1994

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	Mathematics and computer sciences				Social sciences					
	Total	Mathematics	Computer sciences	Mathematics and computer sciences, n.e.c.	Total	Anthropology	Economics	Political science	Sociology	Social sciences, n.e.c.
Total, all agencies	220,578	13,445	202,919	4,214	119,685	257	38,027	835	47,828	32,738
Departments:										
Department of Agriculture, total	2,101	520	1,581	0	32,394	0	26,480	0	5,914	0
Agricultural Research Service	1,581	0	1,581	0	8	0	8	0	0	0
Cooperative State Research Svc	0	0	0	0	30,228	0	24,314	0	5,914	0
Economic Research Service	0	0	0	0	688	0	688	0	0	0
Forest Service	360	360	0	0	1,470	0	1,470	0	0	0
Nat'l Agricultural Statistics Svc	160	160	0	0	0	0	0	0	0	0
Department of Defense, total	188,904	9,086	178,541	1,277	58	0	35	0	23	0
Department of the Army	3,648	0	2,893	755	58	0	35	0	23	0
Department of the Navy	1,517	42	1,398	77	0	0	0	0	0	0
Department of the Air Force	2,123	1,244	879	0	0	0	0	0	0	0
Defense agencies	181,616	7,800	173,371	445	0	0	0	0	0	0
Dept of Health & Human Svcs, total	2,741	2,660	81	0	77,747	0	8,967	200	40,708	27,872
Administration on Aging 1/	0	0	0	0	788	0	0	0	0	788
Admin for Children & Families 1/ 2/	0	0	0	0	2,285	0	0	0	0	2,285
Agency for Health Care Policy & Research 3/	735	654	81	0	48,290	0	6,567	0	39,308	2,415
Health Care Financing Admin	0	0	0	0	9,810	0	0	0	0	9,810
National Institutes of Health 4/	2,006	2,006	0	0	11,574	0	0	0	0	11,574
Office of the Secretary	0	0	0	0	4,000	0	2,400	200	1,400	0
Social Security Administration	0	0	0	0	1,000	0	0	0	0	1,000
Other agencies:										
National Aeronautics & Space Admin	3,107	0	2,170	937	0	0	0	0	0	0
National Science Foundation	23,725	1,179	20,546	2,000	9,486	257	2,545	635	1,183	4,866

1/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

2/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

3/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

4/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTES: Only the following six agencies are required to report to this section of the survey: the Departments of Agriculture, Defense, Energy, and Health and Human Services; the National Aeronautics and Space Administration; and the National Science Foundation. The applied research obligations of the six agencies included in this table represent approximately 89 percent of total Federal applied research obligations to universities and colleges in fiscal year 1994.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-127. Federal obligations for research and development to foreign performers, by region, country, and agency: fiscal year 1992

[Dollars in thousands]

Page 1 of 1

Region and country	Total	Department of Agriculture	Department of Defense	Department of Energy	Department of Health and Human Services	Agency for Internat'l Development	National Science Foundation	Other
Total	287,888	5,005	143,428	2,805	52,425	42,322	3,805	38,098
Europe, total	98,695	3,425	57,745	1,699	23,053	0	3,404	9,369
Austria	9	0	9	0	0	0	0	0
Belgium	755	0	36	0	719	0	0	0
Denmark	840	0	54	0	786	0	0	0
Finland	4,724	0	0	0	4,724	0	0	0
France	6,771	3,049	1,438	0	164	0	249	1,871
Germany	10,384	0	7,768	0	74	0	0	2,542
Iceland	1	0	1	0	0	0	0	0
Ireland	229	0	30	0	150	0	0	49
Italy	6,295	0	556	0	5,300	0	0	439
Netherlands	1,554	366	863	10	166	0	0	149
Norway	6,442	0	5,195	0	362	0	0	885
Poland	12	0	12	0	0	0	0	0
Portugal	50	0	50	0	0	0	0	0
Spain	83	0	33	0	50	0	0	0
Sweden	7,487	0	358	0	6,923	0	0	206
Switzerland	1,293	0	17	57	1,219	0	0	0
United Kingdom, total	48,872	10	40,049	1,582	2,223	0	3,105	1,903
England	42,593	0	37,393	1,362	2,223	0	0	1,615
Scotland	289	0	269	20	0	0	0	0
Bermuda	3,095	0	120	0	0	0	2,975	0
Other United Kingdom	2,895	10	2,267	200	0	0	130	288
Yugoslavia	54	0	0	0	54	0	0	0
Other Europe	2,840	0	1,276	50	139	0	50	1,325
Asia, total	7,323	208	2,272	0	1,166	3,090	0	587
Hong Kong	28	0	28	0	0	0	0	0
India	316	0	0	0	0	316	0	0
Indonesia	2,000	0	0	0	0	2,000	0	0
Japan	2,646	24	1,935	0	150	0	0	537
South Korea	478	184	294	0	0	0	0	0
Philippines	1,110	0	0	0	450	660	0	0
Thailand	166	0	15	0	151	0	0	0
Other Asia	579	0	0	0	415	114	0	50
Near East, total	87,827	0	70,561	0	2,779	14,371	0	116
Egypt	13,840	0	0	0	0	13,840	0	0
Greece	125	0	125	0	0	0	0	0
Israel	73,331	0	70,436	0	2,779	0	0	116
Other Near East	531	0	0	0	0	531	0	0
Africa, total	860	5	788	0	67	0	0	0
Kenya	565	0	565	0	0	0	0	0
Union of South Africa	5	5	0	0	0	0	0	0
Other Africa	290	0	223	0	67	0	0	0
Latin America, total	4,340	1,319	107	0	2,144	114	0	656
Argentina	547	327	0	0	220	0	0	0
Brazil	437	30	0	0	407	0	0	0
Chile	656	0	0	0	0	0	0	656
Colombia	371	0	0	0	371	0	0	0
Costa Rica	395	11	0	0	384	0	0	0
Mexico	1,006	951	0	0	55	0	0	0
Panama	6	0	6	0	0	0	0	0
Peru	114	0	0	0	0	114	0	0
Other Latin America	808	0	101	0	707	0	0	0
Australia	4,252	24	661	260	2,326	0	0	981
Canada	54,457	24	10,279	846	16,695	0	224	26,389
New Zealand	742	0	70	0	672	0	0	0
International Organizations	29,392	0	945	0	3,523	24,747	177	0

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-128. Federal obligations for basic research to foreign performers, by region, country, and agency: fiscal year 1992

[Dollars in thousands]

Page 1 of 1

Region and country	Total	Department of Agriculture	Department of Defense	Department of Health and Human Services	National Science Foundation	National Aeronautics and Space Admin	Other
Total	53,754	2,602	9,692	28,703	3,773	7,758	1,226
Europe, total	21,685	1,781	4,362	10,253	3,404	1,353	532
Austria	9	0	9	0	0	0	0
Belgium	237	0	36	201	0	0	0
Denmark	428	0	54	374	0	0	0
Finland	2,454	0	0	2,454	0	0	0
France	2,079	1,585	179	24	249	42	0
Germany	944	0	127	50	0	767	0
Ireland	96	0	30	66	0	0	0
Italy	2,049	0	160	1,889	0	0	0
Netherlands	939	190	588	130	0	29	2
Norway	415	0	252	163	0	0	0
Poland	12	0	12	0	0	0	0
Portugal	50	0	50	0	0	0	0
Spain	83	0	33	50	0	0	0
Sweden	2,777	0	49	2,681	0	47	0
Switzerland	728	0	17	654	0	0	57
United Kingdom, total	8,227	6	2,766	1,432	3,105	454	464
England	4,924	0	2,646	1,432	0	402	444
Scotland	20	0	0	0	0	0	20
Bermuda	3,095	0	120	0	2,975	0	0
Other United Kingdom	188	6	0	0	130	52	0
Yugoslavia	24	0	0	24	0	0	0
Other Europe	134	0	0	61	50	14	9
Asia, total	764	110	43	511	0	100	0
Hong Kong	28	0	28	0	0	0	0
Japan	203	14	15	74	0	100	0
South Korea	96	96	0	0	0	0	0
Philippines	126	0	0	126	0	0	0
Thailand	103	0	0	103	0	0	0
Other Asia	208	0	0	208	0	0	0
Near East, total	3,937	0	2,178	1,727	0	32	0
Greece	88	0	88	0	0	0	0
Israel	3,849	0	2,090	1,727	0	32	0
Africa, total	38	5	0	33	0	0	0
Union of South Africa	5	5	0	0	0	0	0
Other Africa	33	0	0	33	0	0	0
Latin America, total	2,045	706	76	942	0	207	114
Argentina	319	170	0	149	0	0	0
Brazil	144	30	0	114	0	0	0
Chile	207	0	0	0	0	207	0
Colombia	104	0	0	104	0	0	0
Costa Rica	199	11	0	188	0	0	0
Mexico	536	495	0	41	0	0	0
Peru	114	0	0	0	0	0	114
Other Latin America	422	0	76	346	0	0	0
Australia	2,092	0	240	1,328	0	196	328
Canada	20,504	0	2,723	11,449	210	5,870	252
New Zealand	428	0	70	358	0	0	0
International Organizations	2,261	0	0	2,102	159	0	0

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-129. Federal obligations for research and development to foreign performers and amount supported through the special foreign currency program, by agency: fiscal years 1992, 1993, and 1994

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	1992		Estimates			
			1993		1994	
	Total	Special foreign currency program	Total	Special foreign currency program	Total	Special foreign currency program
Total, all agencies	287,888	2,666	274,044	2,056	268,107	2,000
Departments:						
Department of Agriculture, total	5,005	0	3,621	0	3,678	0
Agricultural Research Service	4,877	0	3,550	0	3,597	0
Forest Service	128	0	71	0	81	0
Department of Commerce, total	32	0	7	0	7	0
National Institute of Standards & Technology	7	0	7	0	7	0
National Oceanic & Atmospheric Administration	25	0	0	0	0	0
Department of Defense, total	143,428	0	134,637	0	129,768	0
Department of the Army	17,631	0	7,532	0	8,563	0
Department of the Navy	28,959	0	29,360	0	32,449	0
Department of the Air Force	7,080	0	7,703	0	6,188	0
Defense agencies	87,200	0	90,042	0	82,568	0
Test & Evaluation, Deputy Under Secretary Defense	2,558	0	0	0	0	0
Department of Energy	2,805	0	2,978	0	2,559	0
Department of Health & Human Services, total	52,425	2,666	62,315	2,056	65,645	2,000
Agency for Health Care Policy & Research 1/	140	0	0	0	0	0
Health Care Financing Administration	115	0	150	0	150	0
National Institutes of Health 2/	52,170	2,666	62,165	2,056	65,495	2,000
Department of the Interior, total	1,487	0	978	0	925	0
Geological Survey	102	0	106	0	0	0
Minerals Management Service	1,385	0	872	0	925	0
Department of Transportation, total	623	0	650	0	750	0
Federal Highway Administration	428	0	450	0	500	0
National Highway Traffic Safety Administration	195	0	200	0	250	0
Other agencies:						
Agency for International Development	42,322	0	30,163	0	25,276	0
National Aeronautics & Space Administration	32,571	0	32,571	0	32,571	0
National Science Foundation	3,805	0	4,092	0	4,493	0
Nuclear Regulatory Commission	3,365	0	2,032	0	2,435	0

1/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

2/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-130. Federal obligations for basic research to foreign performers and amount supported through the special foreign currency program, by agency: fiscal years 1992, 1993, and 1994

[Dollars in thousands]

Page 1 of 1

Agency and subdivision	1992		Estimates			
			1993		1994	
	Total	Special foreign currency program	Total	Special foreign currency program	Total	Special foreign currency program
Total, all agencies	53,754	1,722	60,913	1,238	62,451	1,204
Departments:						
Department of Agriculture, total	2,602	0	1,917	0	1,951	0
Agricultural Research Service	2,536	0	1,846	0	1,870	0
Forest Service	66	0	71	0	81	0
Department of Defense, total	9,692	0	11,538	0	11,596	0
Department of the Army	3,042	0	2,843	0	3,355	0
Department of the Navy	5,107	0	5,533	0	5,641	0
Department of the Air Force	1,543	0	2,971	0	2,237	0
Defense agencies	0	0	191	0	363	0
Department of Energy	1,044	0	1,075	0	830	0
Department of Health & Human Services, total	28,703	1,722	34,590	1,238	36,543	1,204
National Institutes of Health 1/	28,703	1,722	34,590	1,238	36,543	1,204
Department of the Interior, total	68	0	56	0	0	0
Geological Survey	68	0	56	0	0	0
Other agencies:						
Agency for International Development	114	0	0	0	0	0
National Aeronautics & Space Administration	7,758	0	7,679	0	7,074	0
National Science Foundation	3,773	0	4,058	0	4,457	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-131. Federal obligations for applied research to foreign performers and amount supported through the special foreign currency program, by agency: fiscal years 1992, 1993, and 1994

[Dollars in thousands]

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Agency and subdivision	1992		Estimates			
			1993		1994	
	Total	Special foreign currency program	Total	Special foreign currency program	Total	Special foreign currency program
Total, all agencies	66,198	944	57,755	572	51,894	556
Departments:						
Department of Agriculture, total	2,062	0	1,456	0	1,475	0
Agricultural Research Service	2,000	0	1,456	0	1,475	0
Forest Service	62	0	0	0	0	0
Department of Commerce, total	32	0	7	0	7	0
National Institute of Standards & Technology	7	0	7	0	7	0
National Oceanic & Atmospheric Administration	25	0	0	0	0	0
Department of Defense, total	7,747	0	7,488	0	5,341	0
Department of the Army	2,953	0	2,566	0	3,167	0
Department of the Navy	837	0	904	0	731	0
Department of the Air Force	749	0	762	0	721	0
Defense agencies	3,208	0	3,256	0	722	0
Department of Energy	860	0	974	0	1,044	0
Department of Health & Human Services, total	15,278	944	17,766	572	18,657	556
Agency for Health Care Policy & Research 1/	140	0	0	0	0	0
Health Care Financing Administration	115	0	150	0	150	0
National Institutes of Health 2/	15,023	944	17,616	572	18,507	556
Department of the Interior, total	1,419	0	922	0	925	0
Geological Survey	34	0	50	0	0	0
Minerals Management Service	1,385	0	872	0	925	0
Department of Transportation, total	623	0	650	0	750	0
Federal Highway Administration	428	0	450	0	500	0
National Highway Traffic Safety Administration	195	0	200	0	250	0
Other agencies:						
Agency for International Development	26,129	0	17,601	0	11,094	0
National Aeronautics & Space Administration	8,631	0	8,825	0	10,130	0
National Science Foundation	32	0	34	0	36	0
Nuclear Regulatory Commission	3,385	0	2,032	0	2,435	0

1/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

2/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-132. Federal obligations for development to foreign performers and amount supported through the special foreign currency program, by agency: fiscal years 1992, 1993, and 1994

[Dollars in thousands]

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Agency and subdivision	1992		Estimates			
			1993		1994	
	Total	Special foreign currency program	Total	Special foreign currency program	Total	Special foreign currency program
Total, all agencies	167,936	0	155,376	246	153,762	240
Departments:						
Department of Agriculture, total	341	0	248	0	252	0
Agricultural Research Service	341	0	248	0	252	0
Department of Defense, total	125,989	0	115,611	0	112,831	0
Department of the Army	11,636	0	2,123	0	2,041	0
Department of the Navy	23,015	0	22,923	0	26,077	0
Department of the Air Force	4,788	0	3,970	0	3,230	0
Defense agencies	83,992	0	86,595	0	81,483	0
Test & Evaluation, Deputy Under Secretary Defense	2,558	0	0	0	0	0
Department of Energy	901	0	929	0	685	0
Department of Health & Human Services, total	8,444	0	9,959	246	10,445	240
National Institutes of Health 1/	8,444	0	9,959	246	10,445	240
Other agencies:						
Agency for International Development	16,079	0	12,562	0	14,182	0
National Aeronautics & Space Administration	16,182	0	16,067	0	15,367	0

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-133. Federal obligations for research and development and for R&D plant, by State: fiscal year 1992

[Dollars in thousands]

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State	Research, development, and R&D plant	Research and development	R&D plant
Total	67,052,569	64,089,709	2,962,860
Alabama	2,497,747	2,151,670	346,077
Alaska	93,738	92,966	772
Arizona	646,065	638,209	7,856
Arkansas	73,282	68,848	4,434
California	16,355,279	15,999,143	356,136
Colorado	1,534,843	1,479,238	55,605
Connecticut	580,952	578,332	2,620
Delaware	43,180	43,065	115
District of Columbia	2,202,989	2,185,196	17,793
Florida	2,975,379	2,832,290	143,089
Georgia	2,518,957	2,512,567	6,390
Hawaii	157,105	150,654	6,451
Idaho	339,106	299,457	39,649
Illinois	1,105,856	921,924	183,932
Indiana	375,405	367,003	8,402
Iowa	199,894	194,674	5,220
Kansas	93,696	91,235	2,461
Kentucky	71,706	71,706	0
Louisiana	195,745	169,580	26,165
Maine	62,078	60,568	1,510
Maryland	6,009,386	5,779,695	229,691
Massachusetts	3,248,086	3,227,932	20,154
Michigan	885,368	876,267	9,101
Minnesota	458,924	456,392	2,532
Mississippi	297,306	255,695	41,611
Missouri	735,269	733,542	1,727
Montana	74,245	71,548	2,697
Nebraska	76,805	71,143	5,662
Nevada	525,445	465,781	59,664
New Hampshire	160,135	156,135	4,000
New Jersey	1,685,773	1,646,784	38,989
New Mexico	2,375,901	2,211,251	164,650
New York	3,253,187	3,058,737	194,450
North Carolina	707,485	700,671	6,814
North Dakota	61,649	54,230	7,419
Ohio	1,985,545	1,863,371	122,174
Oklahoma	130,181	126,054	4,127
Oregon	228,343	226,514	1,829
Pennsylvania	1,846,445	1,794,428	52,017
Rhode Island	388,285	386,339	1,946
South Carolina	176,239	172,130	4,109
South Dakota	25,416	23,886	1,530
Tennessee	714,159	666,025	48,134
Texas	3,338,702	2,872,956	465,746
Utah	315,449	313,996	1,453
Vermont	51,314	51,314	0
Virginia	3,403,721	3,231,339	172,382
Washington	954,830	900,492	54,338
West Virginia	176,069	166,380	9,689
Wisconsin	317,820	307,651	10,169
Wyoming	43,187	41,369	1,818
Outlying areas	253,898	246,949	6,949
Offices abroad	25,000	24,388	612

NOTE: Only the following 10 agencies are required to report to this section of the survey: the Departments of Agriculture, Commerce, Defense, Energy, Interior, Transportation, and Health and Human Services; the Environmental Protection Agency; the National Aeronautics and Space Administration; and the National Science Foundation. The obligations of the 10 major R&D supporting agencies included in this table represent approximately 98 percent of total Federal R&D and R&D plant obligations in fiscal year 1992.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-134. Federal obligations for research and development, by State and performer: fiscal year 1992

[Dollars in thousands]

State (in order of total Federal research & development obligations)	Total	Intramural 1/	Extramural						
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other non-profit institutions	FFRDCs admin by nonprofit institutions	State and local govts
Total	64,089,709	15,163,786	29,667,761	1,965,124	10,117,101	3,833,799	2,450,086	733,829	158,223
California	15,999,143	1,898,051	10,007,506	26,448	1,432,871	2,059,604	309,081	250,481	15,101
Maryland	5,779,695	3,478,668	1,516,154	16,430	607,995	0	141,935	12,238	6,275
Virginia	3,231,339	1,178,827	1,609,266	365	193,220	23,716	59,278	160,677	5,990
Massachusetts	3,227,932	362,532	1,320,154	4,715	736,960	187,025	482,379	126,850	5,317
New York	3,058,737	121,162	1,229,105	361,461	935,727	204,356	167,652	193	39,081
Texas	2,872,956	476,799	1,612,563	0	532,555	6,936	241,398	0	2,705
Florida	2,832,290	541,026	2,067,111	0	213,618	0	6,743	0	3,792
Georgia	2,512,567	125,058	2,177,441	0	200,979	0	6,367	0	2,702
New Mexico	2,211,251	479,363	249,762	765,990	77,305	623,377	5,299	8,356	1,799
District of Columbia	2,185,196	1,592,117	286,184	0	116,103	0	187,355	0	1,437
Alabama	2,151,670	861,074	1,095,627	0	165,153	0	28,251	0	1,565
Ohio	1,863,371	628,556	888,349	0	277,531	0	66,696	0	2,239
Pennsylvania	1,794,428	317,828	470,367	257,695	567,440	27,050	150,098	0	3,950
New Jersey	1,646,784	645,109	725,463	0	152,869	109,984	7,850	3,505	1,964
Colorado	1,479,238	202,764	918,640	0	187,999	54,539	37,607	74,486	3,203
Illinois	921,924	63,479	99,197	449	364,237	350,745	41,264	0	2,533
Washington	900,492	121,654	302,138	9,765	277,123	0	89,208	97,043	3,561
Michigan	876,267	72,203	422,827	0	302,634	0	77,328	0	1,275
Missouri	733,542	55,440	470,290	0	189,316	0	17,384	0	1,112
North Carolina	700,671	153,828	152,433	0	356,918	0	33,294	0	4,196
Tennessee	666,025	81,386	91,330	275,339	157,976	21,802	38,804	0	1,388
Arizona	638,209	217,969	223,560	0	158,909	28,510	7,897	0	1,364
Connecticut	578,332	44,075	321,388	0	194,322	0	15,384	0	3,163
Nevada	465,781	89,709	349,264	0	22,738	0	3,468	0	602
Minnesota	456,392	44,403	185,667	0	148,634	0	75,368	0	2,320
Rhode Island	386,339	223,108	88,999	0	54,653	0	18,640	0	939
Indiana	367,003	93,901	108,376	0	161,793	0	2,156	0	777
Utah	313,996	148,171	36,034	0	127,395	0	1,845	0	551
Wisconsin	307,651	37,650	33,677	0	215,525	0	18,152	0	2,647
Idaho	299,457	25,228	8,950	181,624	13,979	68,685	544	0	447
Mississippi	255,695	177,002	32,527	0	40,626	0	4,555	0	985
Oregon	226,514	48,990	30,564	0	124,069	0	20,902	0	1,969
Iowa	194,674	28,606	18,048	0	120,162	24,808	2,415	0	635
South Carolina	172,130	34,983	10,965	64,843	52,782	0	7,364	0	1,173
Louisiana	169,580	42,501	21,350	0	102,405	0	1,914	0	1,410
West Virginia	166,380	31,645	49,046	0	43,653	35,315	5,668	0	1,053
New Hampshire	156,135	22,552	74,436	0	58,430	0	243	0	474
Hawaii	150,654	41,919	52,192	0	46,933	0	9,262	0	348
Oklahoma	126,054	33,648	28,630	0	46,442	0	16,984	0	350
Alaska	92,966	47,330	1,058	0	27,774	0	716	0	16,088
Kansas	91,235	11,492	22,650	0	52,944	0	3,119	0	1,030
Kentucky	71,706	14,127	4,806	0	48,676	0	2,630	0	1,467
Montana	71,548	26,372	27,459	0	15,770	0	1,244	0	703
Nebraska	71,143	23,388	8,122	0	33,008	0	5,520	0	1,105
Arkansas	68,848	33,974	9,929	0	23,069	0	1,286	0	570
Maine	60,568	11,053	17,798	0	13,501	0	16,909	0	1,307
North Dakota	54,230	25,960	6,543	0	19,837	0	1,239	0	651
Vermont	51,314	4,908	13,169	0	31,063	0	1,556	0	618
Delaware	43,065	7,467	12,768	0	19,406	0	2,482	0	942
Wyoming	41,369	9,799	15,137	0	12,136	0	4,130	0	167
South Dakota	23,886	10,863	3,436	0	7,823	0	1,108	0	656
Outlying areas	246,949	75,423	133,626	0	29,767	7,347	261	0	525
Offices abroad	24,388	18,646	3,640	0	288	0	1,814	0	0

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

NOTE: Only the following 10 agencies are required to report to this section of the survey: the Departments of Agriculture, Commerce, Defense, Energy, Interior, Transportation, and Health and Human Services; the Environmental Protection Agency; the National Aeronautics and Space Administration; and the National Science Foundation. The obligations of the 10 major R&D supporting agencies included in this table represent approximately 98 percent of total Federal R&D obligations in fiscal year 1992.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-134a. Percentage distribution of Federal obligations for research and development to each performer, by State: fiscal year 1992

State (in order of total Federal research & development obligations)	Total	Intramural 1/	Extramural						
			Industrial firms	FFRDCs admin by industrial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit institu-tions	FFRDCs admin by nonprofit institu-tions	State and local govts
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
California	25.0	12.5	33.7	1.3	14.2	53.7	12.6	34.1	9.5
Maryland	9.0	22.9	5.1	.8	6.0	.0	5.8	1.7	4.0
Virginia	5.0	7.8	5.4	•	1.9	.6	2.4	21.9	3.8
Massachusetts	5.0	2.4	4.4	.2	7.3	4.9	19.7	17.3	3.4
New York	4.8	.8	4.1	18.4	9.2	5.3	6.8	•	24.7
Texas	4.5	3.1	5.4	.0	5.3	.2	9.9	.0	1.7
Florida	4.4	3.6	7.0	.0	2.1	.0	.3	.0	2.4
Georgia	3.9	.8	7.3	.0	2.0	.0	.3	.0	1.7
New Mexico	3.5	3.2	.8	39.0	.8	16.3	.2	1.1	1.1
District of Columbia	3.4	10.5	1.0	.0	1.1	.0	7.6	.0	.9
Alabama	3.4	5.7	3.7	.0	1.6	.0	1.2	.0	1.0
Ohio	2.9	4.1	3.0	.0	2.7	.0	2.7	.0	1.4
Pennsylvania	2.8	2.1	1.6	13.1	5.6	.7	6.1	.0	2.5
New Jersey	2.6	4.3	2.4	.0	1.5	2.9	.3	.5	1.2
Colorado	2.3	1.3	3.1	.0	1.9	1.4	1.5	10.2	2.0
Illinois	1.4	.4	.3	•	3.6	9.1	1.7	.0	1.6
Washington	1.4	.8	1.0	.5	2.7	.0	3.6	13.2	2.3
Michigan	1.4	.5	1.4	.0	3.0	.0	3.2	.0	.8
Missouri	1.1	.4	1.6	.0	1.9	.0	.7	.0	.7
North Carolina	1.1	1.0	.5	.0	3.5	.0	1.4	.0	2.7
Tennessee	1.0	.5	.3	14.0	1.6	.6	1.5	.0	.9
Arizona	1.0	1.4	.8	.0	1.6	.7	.3	.0	.9
Connecticut	.9	.3	1.1	.0	1.9	.0	.6	.0	2.0
Nevada	.7	.6	1.2	.0	.2	.0	.1	.0	.4
Minnesota	.7	.3	.6	.0	1.5	.0	3.1	.0	1.5
Rhode Island	.6	1.5	.3	.0	.5	.0	.8	.0	.6
Indiana	.6	.6	.4	.0	1.6	.0	.1	.0	.5
Utah	.5	1.0	.1	.0	1.3	.0	.1	.0	.3
Wisconsin	.5	.2	.1	.0	2.1	.0	.7	.0	1.7
Idaho	.5	.2	•	9.2	.1	1.8	•	.0	.3
Mississippi	.4	1.2	.1	.0	.4	.0	.2	.0	.6
Oregon	.4	.3	.1	.0	1.2	.0	.9	.0	1.2
Iowa	.3	.2	.1	.0	1.2	.6	.1	.0	.4
South Carolina	.3	.2	•	3.3	.5	.0	.3	.0	.7
Louisiana	.3	.3	.1	.0	1.0	.0	.1	.0	.9
West Virginia	.3	.2	.2	.0	.4	.9	.2	.0	.7
New Hampshire	.2	.1	.3	.0	.6	.0	•	.0	.3
Hawaii	.2	.3	.2	.0	.5	.0	.4	.0	.2
Oklahoma	.2	.2	.1	.0	.5	.0	.7	.0	.2
Alaska	.1	.3	•	.0	.3	.0	•	.0	10.2
Kansas	.1	.1	.1	.0	.5	.0	.1	.0	.7
Kentucky	.1	.1	•	.0	.5	.0	.1	.0	.9
Montana	.1	.2	.1	.0	.2	.0	.1	.0	.4
Nebraska	.1	.2	•	.0	.3	.0	.2	.0	.7
Arkansas	.1	.2	•	.0	.2	.0	.1	.0	.4
Maine	.1	.1	.1	.0	.1	.0	.7	.0	.8
North Dakota	.1	.2	•	.0	.2	.0	.1	.0	.4
Vermont	.1	•	•	.0	.3	.0	.1	.0	.4
Delaware	.1	•	•	.0	.2	.0	.1	.0	.6
Wyoming	.1	.1	.1	.0	.1	.0	.2	.0	.1
South Dakota	•	.1	•	.0	.1	.0	•	.0	.4
Outlying areas	.4	.5	.5	.0	.3	.2	•	.0	.3
Offices abroad	•	.1	•	.0	•	.0	.1	.0	.0

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

NOTE: Only the following 10 agencies are required to report to this section of the survey: the Departments of Agriculture, Commerce, Defense, Energy, Interior, Transportation, and Health and Human Services; the Environmental Protection Agency; the National Aeronautics and Space Administration; and the National Science Foundation. The obligations of the 10 major R&D supporting agencies included in this table represent approximately 98 percent of total Federal R&D obligations in fiscal year 1992.

KEY: FFRDCs = Federally funded research and development centers
• = Percentage less than .05%

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-134b. Percentage distribution of Federal obligations for research and development to each State, by performer: fiscal year 1992

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State (in order of total Federal research & development obligations)	Total	Intramural 1/	Extramural						
			Industrial firms	FFRDCs admin by industrial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit institu-tions	FFRDCs admin by nonprofit institu-tions	State and local govts
Total	100.0	23.7	46.3	3.1	15.8	6.0	3.8	1.1	0.2
California	100.0	11.9	62.6	.2	9.0	12.9	1.9	1.6	.1
Maryland	100.0	60.2	26.2	.3	10.5	.0	2.5	.2	.1
Virginia	100.0	36.5	49.8	*	6.0	.7	1.8	5.0	.2
Massachusetts	100.0	11.2	40.9	.1	22.9	5.8	14.9	3.9	.2
New York	100.0	4.0	40.2	11.8	30.6	6.7	5.5	*	1.3
Texas	100.0	16.6	56.1	.0	18.5	.2	8.4	.0	.1
Florida	100.0	19.1	73.0	.0	7.5	.0	.2	.0	.1
Georgia	100.0	5.0	86.7	.0	8.0	.0	.3	.0	.1
New Mexico	100.0	21.7	11.3	34.6	3.5	28.2	.2	.4	.1
District of Columbia	100.0	72.9	13.2	.0	5.3	.0	8.6	.0	.1
Alabama	100.0	40.0	50.9	.0	7.7	.0	1.3	.0	.1
Ohio	100.0	33.7	47.7	.0	14.9	.0	3.6	.0	.1
Pennsylvania	100.0	17.7	26.2	14.4	31.6	1.5	8.4	.0	.2
New Jersey	100.0	39.2	44.1	.0	9.3	6.7	.5	.2	.1
Colorado	100.0	13.7	62.1	.0	12.7	3.7	2.5	5.0	.2
Illinois	100.0	6.9	10.8	*	39.5	38.0	4.5	.0	.3
Washington	100.0	13.5	33.6	1.1	30.8	.0	9.9	10.8	.4
Michigan	100.0	8.2	48.3	.0	34.5	.0	8.8	.0	.1
Missouri	100.0	7.6	64.1	.0	25.8	.0	2.4	.0	.2
North Carolina	100.0	22.0	21.8	.0	50.9	.0	4.8	.0	.6
Tennessee	100.0	12.2	13.7	41.3	23.7	3.3	5.5	.0	.2
Arizona	100.0	34.2	35.0	.0	24.9	4.5	1.2	.0	.2
Connecticut	100.0	7.6	55.6	.0	33.6	.0	2.7	.0	.5
Nevada	100.0	19.3	75.0	.0	4.9	.0	.7	.0	.1
Minnesota	100.0	9.7	40.7	.0	32.6	.0	16.5	.0	.5
Rhode Island	100.0	57.7	23.0	.0	14.1	.0	4.8	.0	.2
Indiana	100.0	25.6	29.5	.0	44.1	.0	.6	.0	.2
Utah	100.0	47.2	11.5	.0	40.6	.0	.6	.0	.2
Wisconsin	100.0	12.2	10.9	.0	70.1	.0	5.9	.0	.9
Idaho	100.0	8.4	3.0	60.7	4.7	22.9	.2	.0	.1
Mississippi	100.0	69.2	12.7	.0	15.9	.0	1.8	.0	.4
Oregon	100.0	21.6	13.5	.0	54.8	.0	9.2	.0	.9
Iowa	100.0	14.7	9.3	.0	61.7	12.7	1.2	.0	.3
South Carolina	100.0	20.3	6.4	37.7	30.7	.0	4.3	.0	.7
Louisiana	100.0	25.1	12.6	.0	60.4	.0	1.1	.0	.8
West Virginia	100.0	19.0	29.5	.0	26.2	21.2	3.4	.0	.6
New Hampshire	100.0	14.4	47.7	.0	37.4	.0	.2	.0	.3
Hawaii	100.0	27.8	34.6	.0	31.2	.0	6.1	.0	.2
Oklahoma	100.0	26.7	22.7	.0	36.8	.0	13.5	.0	.3
Alaska	100.0	50.9	1.1	.0	29.9	.0	.8	.0	17.3
Kansas	100.0	12.6	24.8	.0	58.0	.0	3.4	.0	1.1
Kentucky	100.0	19.7	6.7	.0	67.9	.0	3.7	.0	2.0
Montana	100.0	36.9	38.4	.0	22.0	.0	1.7	.0	1.0
Nebraska	100.0	32.9	11.4	.0	46.4	.0	7.8	.0	1.6
Arkansas	100.0	49.3	14.4	.0	33.5	.0	1.9	.0	.8
Maine	100.0	18.2	29.4	.0	22.3	.0	27.9	.0	2.2
North Dakota	100.0	47.9	12.1	.0	36.6	.0	2.3	.0	1.2
Vermont	100.0	9.6	25.7	.0	60.5	.0	3.0	.0	1.2
Delaware	100.0	17.3	29.6	.0	45.1	.0	5.8	.0	2.2
Wyoming	100.0	23.7	36.8	.0	29.3	.0	10.0	.0	.4
South Dakota	100.0	45.5	14.4	.0	32.8	.0	4.6	.0	2.7
Outlying areas	100.0	30.5	54.1	.0	12.1	3.0	.1	.0	.2
Offices abroad	100.0	76.5	14.9	.0	1.2	.0	7.4	.0	.0

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

NOTE: Only the following 10 agencies are required to report to this section of the survey: the Departments of Agriculture, Commerce, Defense, Energy, Interior, Transportation, and Health and Human Services; the Environmental Protection Agency; the National Aeronautics and Space Administration; and the National Science Foundation. The obligations of the 10 major R&D supporting agencies included in this table represent approximately 98 percent of total Federal R&D obligations in fiscal year 1992.

KEY: FFRDCs = Federally funded research and development centers
* = Percentage less than .05%

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-135. Federal obligations for research and development, by State and agency: fiscal year 1992

[Dollars in thousands]

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State (in order of total Federal research & development obligations)	Total	Dept of Agriculture	Dept of Commerce	Dept of Defense1/	Dept of Energy	Dept of Health & Human Services	Dept of the Interior	Dept of Transportation	EPA	NASA	National Science Foundation
Total	64,089,709	1,322,107	651,133	35,986,039	6,169,425	8,935,398	607,691	444,389	483,900	7,625,035	1,864,592
California	15,999,143	76,838	53,685	10,747,737	1,213,247	1,007,661	43,133	7,519	21,169	2,592,326	235,828
Maryland	5,779,695	111,915	169,160	2,533,608	107,376	1,950,899	19,372	32,811	25,663	789,989	38,902
Virginia	3,231,339	10,927	12,074	2,245,531	65,143	155,523	45,121	40,325	44,569	573,043	39,083
Massachusetts	3,227,932	19,781	38,509	1,938,722	76,272	784,057	6,959	53,533	32,017	125,134	152,948
New York	3,058,737	30,625	6,316	1,392,328	576,061	775,682	7,007	10,219	20,488	47,141	192,870
Texas	2,872,956	60,789	4,338	1,492,782	173,430	352,169	7,648	8,285	20,980	696,770	55,765
Florida	2,832,290	32,156	48,974	2,094,701	23,227	100,117	11,302	2,453	11,248	472,225	35,887
Georgia	2,512,567	50,464	5,034	2,231,351	13,040	154,903	6,922	2,920	13,465	11,109	23,359
New Mexico	2,211,251	6,018	161	971,219	1,155,201	29,086	6,661	1,622	990	29,049	11,244
District of Columbia	2,185,196	143,208	8,588	1,022,357	248,687	160,458	28,895	53,474	29,216	400,759	89,554
Alabama	2,151,670	15,957	1,230	1,117,350	34,659	107,576	10,358	1,218	7,129	847,593	8,600
Ohio	1,863,371	16,978	587	1,073,467	47,511	223,274	5,201	6,528	24,572	435,419	29,834
Pennsylvania	1,794,428	39,530	1,615	865,910	283,719	415,669	37,497	12,767	8,446	35,261	94,014
New Jersey	1,646,784	6,631	20,544	1,149,991	138,804	82,208	4,773	123,263	15,378	72,013	33,179
Colorado	1,479,238	30,230	79,745	862,426	107,407	109,270	49,706	4,685	8,768	134,153	92,848
Illinois	921,924	42,481	965	141,187	392,772	211,821	4,647	2,451	2,745	15,760	107,095
Washington	900,492	30,057	57,122	347,123	107,084	269,972	21,676	10,119	5,140	10,695	41,504
Michigan	876,267	22,226	19,566	473,517	21,292	204,594	9,382	3,577	16,073	41,261	64,779
Missouri	733,542	18,278	250	503,263	14,176	151,199	15,055	1,123	4,889	8,393	16,916
North Carolina	700,671	32,324	9,900	174,216	11,120	340,021	5,040	4,234	75,287	9,976	38,553
Tennessee	666,025	10,292	3,336	145,096	329,088	129,829	4,376	4,379	1,682	28,227	9,722
Arizona	638,209	18,093	452	404,162	3,940	71,805	9,159	246	1,516	40,298	88,538
Connecticut	578,332	5,536	8,892	271,824	51,931	166,245	3,293	12,360	5,680	33,905	18,666
Nevada	465,781	2,196	469	78,117	340,979	7,346	17,382	3,490	9,819	1,804	4,179
Minnesota	456,392	23,922	5,832	195,584	6,025	155,249	18,805	8,364	11,123	4,291	27,197
Rhode Island	386,339	1,709	6,981	310,635	3,092	31,857	3,046	503	6,638	2,807	19,071
Indiana	367,003	16,207	241	189,005	36,756	72,962	4,466	210	2,316	6,708	38,132
Utah	313,996	11,850	732	182,383	5,565	62,125	14,983	231	986	17,876	17,265
Wisconsin	307,651	34,153	2,434	33,212	19,543	128,068	12,218	2,396	2,348	34,868	38,411
Idaho	299,457	18,317	6	9,073	251,787	1,734	11,634	1,900	390	2,682	1,934
Mississippi	255,695	48,626	7,837	129,341	6,543	8,800	4,308	2,506	4,698	37,413	5,623
Oregon	226,514	34,267	8,790	29,786	20,340	69,776	20,934	1,270	10,453	7,107	23,791
Iowa	194,674	40,252	2,770	21,627	28,981	73,918	3,957	0	1,767	10,772	10,630
South Carolina	172,130	15,547	11,828	28,604	78,460	21,774	4,563	10	690	1,294	9,360
Louisiana	169,580	33,097	1,497	28,140	22,731	55,927	13,506	280	2,644	2,308	9,450
West Virginia	166,380	19,800	0	29,708	37,139	18,728	10,771	6,998	4,460	2,017	36,759
New Hampshire	156,135	4,507	2,845	90,820	1,714	33,179	3,339	211	1,394	11,567	6,559
Hawaii	150,654	19,812	14,060	64,171	2,044	15,988	13,015	0	278	7,297	13,989
Oklahoma	126,054	16,616	3,718	22,023	30,887	20,817	4,299	5,683	12,351	1,035	8,625
Alaska	92,966	6,324	13,228	11,470	14,778	2,623	23,722	0	41	8,460	12,320
Kansas	91,235	11,052	1,500	23,595	9,012	26,802	4,426	1,245	1,955	2,392	9,256
Kentucky	71,706	10,987	42	13,166	3,171	31,253	4,041	784	1,397	992	5,873
Montana	71,548	13,764	0	3,955	25,038	16,296	6,477	0	1,213	1,017	3,788
Nebraska	71,143	24,864	0	11,670	1,315	22,759	4,457	0	566	1,179	4,333
Arkansas	68,848	13,044	13	10,762	1,244	35,568	5,474	83	465	216	1,979
Maine	60,568	5,240	8,607	16,361	2,735	15,782	3,919	0	984	826	6,114
North Dakota	54,230	25,943	240	2,995	6,285	2,535	7,294	4,125	2,500	287	2,026
Vermont	51,314	5,901	0	12,832	500	24,540	3,359	0	1,775	424	1,983
Delaware	43,065	3,702	6,182	14,990	1,428	3,032	2,874	82	838	2,597	7,340
Wyoming	41,369	6,591	0	923	16,019	1,846	6,108	3,878	155	491	5,358
South Dakota	23,886	5,463	18	1,070	40	3,362	8,137	29	315	3,372	2,080
Outlying areas	246,949	12,409	185	202,563	39	16,714	2,892	0	231	437	11,479
Offices abroad	24,388	4,611	35	17,590	50	0	102	0	2,000	0	0

1/ Beginning with Volume XL, Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at off-campus, university-affiliated laboratories that are not involved in teaching.

NOTE: Only the following 10 agencies are required to report to this section of the survey: the Departments of Agriculture, Commerce, Defense, Energy, Interior, Transportation, and Health and Human Services; the Environmental Protection Agency; the National Aeronautics and Space Administration; and the National Science Foundation. The obligations of the 10 major R&D supporting agencies included in this table represent approximately 98 percent of total Federal R&D obligations in fiscal year 1992.

KEY: EPA = Environmental Protection Agency
NASA = National Aeronautics & Space Administration

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-135a. Percentage distribution of Federal obligations for research and development of each agency, by State: fiscal year 1992

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State (In order of total Federal research & development obligations)	Total	Dept of Agriculture	Dept of Commerce	Dept of Defense1/	Dept of Energy	Dept of Health & Human Services	Dept of the Interior	Dept of Transportation	EPA	NASA	National Science Foundation
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
California	25.0	5.8	8.2	29.9	19.7	11.3	7.1	1.7	4.4	34.0	12.6
Maryland	9.0	8.5	26.0	7.0	1.7	21.8	3.2	7.4	5.3	10.4	2.1
Virginia	5.0	.8	1.9	6.2	1.1	1.7	7.4	9.1	9.2	7.5	2.1
Massachusetts	5.0	1.5	5.9	5.4	1.2	8.8	1.1	12.0	6.6	1.6	8.2
New York	4.8	2.3	1.0	3.9	9.3	8.7	1.2	2.3	4.2	.6	10.3
Texas	4.5	4.6	.7	4.1	2.8	3.9	1.3	1.9	4.3	9.1	3.0
Florida	4.4	2.4	7.5	5.8	.4	1.1	1.9	.6	2.3	6.2	1.9
Georgia	3.9	3.8	.8	6.2	.2	1.7	1.1	.7	2.8	.1	1.3
New Mexico	3.5	.5	*	2.7	18.7	.3	1.1	.4	.2	.4	.6
District of Columbia	3.4	10.8	1.3	2.8	4.0	1.8	4.8	12.0	6.0	5.3	4.8
Alabama	3.4	1.2	.2	3.1	.6	1.2	1.7	.3	1.5	11.1	.5
Ohio	2.9	1.3	.1	3.0	.8	2.5	.9	1.5	5.1	5.7	1.6
Pennsylvania	2.8	3.0	.2	2.4	4.6	4.7	6.2	2.9	1.7	.5	5.0
New Jersey	2.6	.5	3.2	3.2	2.2	.9	.8	27.7	3.2	.9	1.8
Colorado	2.3	2.3	12.2	2.4	1.7	1.2	8.2	1.1	1.8	1.8	5.0
Illinois	1.4	3.2	.1	.4	6.4	2.4	.8	.6	.6	.2	5.7
Washington	1.4	2.3	8.8	1.0	1.7	3.0	3.6	2.3	1.1	.1	2.2
Michigan	1.4	1.7	3.0	1.3	.3	2.3	1.5	.8	3.3	.5	3.5
Missouri	1.1	1.4	*	1.4	.2	1.7	2.5	.3	1.0	.1	.9
North Carolina	1.1	2.4	1.5	.5	.2	3.8	.8	1.0	15.6	.1	2.1
Tennessee	1.0	.8	.5	.4	5.3	1.5	.7	1.0	.3	.4	.5
Arizona	1.0	1.4	.1	1.1	.1	.8	1.5	.1	.3	.5	4.7
Connecticut	.9	.4	1.4	.8	.8	1.9	.5	2.8	1.2	.4	1.0
Nevada	.7	.2	.1	.2	5.5	.1	2.9	.8	2.0	*	.2
Minnesota	.7	1.8	.9	.5	.1	1.7	3.1	1.9	2.3	.1	1.5
Rhode Island	.6	.1	1.1	.9	.1	.4	.5	.1	1.4	*	1.0
Indiana	.6	1.2	*	.5	.6	.8	.7	*	.5	.1	2.0
Utah	.5	.9	.1	.5	.1	.7	2.5	.1	.2	.2	.9
Wisconsin	.5	2.6	.4	.1	.3	1.4	2.0	.5	.5	.5	2.1
Idaho	.5	1.4	*	*	4.1	*	1.9	.4	.1	*	.1
Mississippi	.4	3.7	1.2	.4	.1	.1	.7	.6	1.0	.5	.3
Oregon	.4	2.6	1.3	.1	.3	.8	3.4	.3	2.2	.1	1.3
Iowa	.3	3.0	.4	.1	.5	.8	.7	.0	.4	.1	.6
South Carolina	.3	1.2	1.8	.1	1.3	.2	.8	*	.1	*	.5
Louisiana	.3	2.5	.2	.1	.4	.6	2.2	.1	.5	*	.5
West Virginia	.3	1.5	.0	.1	.6	.2	1.8	1.6	.9	*	2.0
New Hampshire	.2	.3	.4	.3	*	.4	.5	*	.3	.2	.4
Hawaii	.2	1.5	2.2	.2	*	.2	2.1	.0	.1	.1	.8
Oklahoma	.2	1.3	.6	.1	.5	.2	.7	1.3	2.6	*	.5
Alaska	.1	.5	2.0	*	.2	*	3.9	.0	*	.1	.7
Kansas	.1	.8	.2	.1	.1	.3	.7	.3	.4	*	.5
Kentucky	.1	.8	*	*	.1	.3	.7	.2	.3	*	.3
Montana	.1	1.0	.0	*	.4	.2	1.1	.0	.3	*	.2
Nebraska	.1	1.9	.0	*	*	.3	.7	.0	.1	*	.2
Arkansas	.1	1.0	*	*	*	.4	.9	*	.1	*	.1
Maine	.1	.4	1.3	*	*	.2	.6	.0	.2	*	.3
North Dakota	.1	2.0	*	*	.1	*	1.2	.9	.5	*	.1
Vermont	.1	.4	.0	*	*	.3	.6	.0	.4	*	.1
Delaware	.1	.3	.9	*	*	*	.5	*	.2	*	.4
Wyoming	.1	.5	.0	*	.3	*	1.0	.9	*	*	.3
South Dakota	*	.4	*	*	*	*	1.3	*	.1	*	.1
Outlying areas	.4	.9	*	.6	*	.2	.5	.0	*	*	.6
Offices abroad	*	.3	*	*	*	.0	*	.0	.4	.0	.0

1/ Beginning with Volume XL, Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at off-campus, university-affiliated laboratories that are not involved in teaching.

NOTE: Only the following 10 agencies are required to report to this section of the survey: the Departments of Agriculture, Commerce, Defense, Energy, Interior, Transportation, and Health and Human Services; the Environmental Protection Agency; the National Aeronautics and Space Administration; and the National Science Foundation. The obligations of the 10 major R&D supporting agencies included in this table represent approximately 98 percent of total Federal R&D obligations in fiscal year 1992.

KEY:
EPA = Environmental Protection Agency
NASA = National Aeronautics & Space Administration
* = Percentage less than .05%

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-135b. Percentage distribution of Federal obligations for research and development of each State, by agency: fiscal year 1992

Page 1 of 1

State (in order of total Federal research & development obligations)	Total	Dept of Agriculture	Dept of Commerce	Dept of Defense1/	Dept of Energy	Dept of Health & Human Services	Dept of the Interior	Dept of Transportation	EPA	NASA	National Science Foundation
Total	100.0	2.1	1.0	56.1	9.6	13.9	0.9	0.7	0.8	11.9	2.9
California	100.0	.5	.3	67.2	7.6	6.3	.3	*	.1	16.2	1.5
Maryland	100.0	1.9	2.9	43.8	1.9	33.8	.3	.6	.4	13.7	.7
Virginia	100.0	.3	.4	69.5	2.0	4.8	1.4	1.2	1.4	17.7	1.2
Massachusetts	100.0	.6	1.2	60.1	2.4	24.3	.2	1.7	1.0	3.9	4.7
New York	100.0	1.0	.2	45.5	18.8	25.4	.2	.3	.7	1.5	6.3
Texas	100.0	2.1	.2	52.0	6.0	12.3	.3	.3	.7	24.3	1.9
Florida	100.0	1.1	1.7	74.0	.8	3.5	.4	.1	.4	16.7	1.3
Georgia	100.0	2.0	.2	88.8	.5	6.2	.3	.1	.5	.4	.9
New Mexico	100.0	.3	*	43.9	52.2	1.3	.3	.1	*	1.3	.5
District of Columbia	100.0	6.6	.4	46.8	11.4	7.3	1.3	2.4	1.3	18.3	4.1
Alabama	100.0	.7	.1	51.9	1.6	5.0	.5	.1	.3	39.4	.4
Ohio	100.0	.9	*	57.6	2.5	12.0	.3	.4	1.3	23.4	1.6
Pennsylvania	100.0	2.2	.1	48.3	15.8	23.2	2.1	.7	.5	2.0	5.2
New Jersey	100.0	.4	1.2	69.8	8.4	5.0	.3	7.5	.9	4.4	2.0
Colorado	100.0	2.0	5.4	58.3	7.3	7.4	3.4	.3	.6	9.1	6.3
Illinois	100.0	4.6	.1	15.3	42.8	23.0	.5	.3	.3	1.7	11.6
Washington	100.0	3.3	6.3	38.5	11.9	30.0	2.4	1.1	.6	1.2	4.6
Michigan	100.0	2.5	2.2	54.0	2.4	23.3	1.1	.4	1.8	4.7	7.4
Missouri	100.0	2.5	*	68.6	1.9	20.6	2.1	.2	.7	1.1	2.3
North Carolina	100.0	4.6	1.4	24.9	1.6	48.5	.7	.6	10.7	1.4	5.5
Tennessee	100.0	1.5	.5	21.8	49.4	19.5	.7	.7	.3	4.2	1.5
Arizona	100.0	2.8	.1	63.3	.6	11.3	1.4	*	.2	6.3	13.9
Connecticut	100.0	1.0	1.5	47.0	9.0	28.7	.6	2.1	1.0	5.9	3.2
Nevada	100.0	.5	.1	16.8	73.2	1.6	3.7	.7	2.1	.4	.9
Minnesota	100.0	5.2	1.3	42.9	1.3	34.0	4.1	1.8	2.4	.9	6.0
Rhode Island	100.0	.4	1.8	80.4	.8	8.2	.8	.1	1.7	.7	4.9
Indiana	100.0	4.4	.1	51.5	10.0	19.9	1.2	.1	.6	1.8	10.4
Utah	100.0	3.8	.2	58.1	1.8	19.8	4.8	.1	.3	5.7	5.5
Wisconsin	100.0	11.1	.8	10.8	6.4	41.6	4.0	.8	.8	11.3	12.5
Idaho	100.0	6.1	*	3.0	84.1	.6	3.9	.6	.1	.9	.6
Mississippi	100.0	19.0	3.1	50.6	2.6	3.4	1.7	1.0	1.8	14.6	2.2
Oregon	100.0	15.1	3.9	13.1	9.0	30.8	9.2	.6	4.6	3.1	10.5
Iowa	100.0	20.7	1.4	11.1	14.9	38.0	2.0	.0	.9	5.5	5.5
South Carolina	100.0	9.0	6.9	16.6	45.6	12.6	2.7	*	.4	.8	5.4
Louisiana	100.0	19.5	.9	16.6	13.4	33.0	8.0	.2	1.6	1.4	5.6
West Virginia	100.0	11.9	.0	17.9	22.3	11.3	6.5	4.2	2.7	1.2	22.1
New Hampshire	100.0	2.9	1.8	58.2	1.1	21.3	2.1	.1	.9	7.4	4.2
Hawaii	100.0	13.2	9.3	42.6	1.4	10.6	8.6	.0	.2	4.8	9.3
Oklahoma	100.0	13.2	2.9	17.5	24.5	16.5	3.4	4.5	9.8	.8	6.8
Alaska	100.0	6.8	14.2	12.3	15.9	2.8	25.5	.0	*	9.1	13.3
Kansas	100.0	12.1	1.6	25.9	9.9	29.4	4.9	1.4	2.1	2.6	10.1
Kentucky	100.0	15.3	.1	18.4	4.4	43.6	5.6	1.1	1.9	1.4	8.2
Montana	100.0	19.2	.0	5.5	35.0	22.8	9.1	.0	1.7	1.4	5.3
Nebraska	100.0	34.9	.0	16.4	1.8	32.0	6.3	.0	.8	1.7	6.1
Arkansas	100.0	18.9	*	15.6	1.8	51.7	8.0	.1	.7	.3	2.9
Maine	100.0	8.7	14.2	27.0	4.5	26.1	6.5	.0	1.6	1.4	10.1
North Dakota	100.0	47.8	.4	5.5	11.6	4.7	13.5	7.6	4.6	.5	3.7
Vermont	100.0	11.5	.0	25.0	1.0	47.8	6.5	.0	3.5	.8	3.9
Delaware	100.0	8.6	14.4	34.8	3.3	7.0	6.7	.2	1.9	6.0	17.0
Wyoming	100.0	15.9	.0	2.2	38.7	4.5	14.8	9.4	.4	1.2	13.0
South Dakota	100.0	22.9	.1	4.5	.2	14.1	34.1	.1	1.3	14.1	8.7
Outlying areas	100.0	5.0	.1	82.0	*	6.8	1.2	.0	.1	.2	4.6
Offices abroad	100.0	18.9	.1	72.1	.2	.0	.4	.0	8.2	.0	.0

1/ Beginning with Volume XL, Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at off-campus, university-affiliated laboratories that are not involved in teaching.

NOTE: Only the following 10 agencies are required to report to this section of the survey: the Departments of Agriculture, Commerce, Defense, Energy, Interior, Transportation, and Health and Human Services; the Environmental Protection Agency; the National Aeronautics and Space Administration; and the National Science Foundation. The obligations of the 10 major R&D supporting agencies included in this table represent approximately 98 percent of total Federal R&D obligations in fiscal year 1992.

KEY:
EPA = Environmental Protection Agency
NASA = National Aeronautics & Space Administration
* = Percentage less than .05%

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-136. Federal obligations for research and development, by State, agency, and performer: fiscal year 1992

[Dollars in thousands]

State and agency	Total	Intramural 1/	Extramural						
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts
Alabama, total	2,151,670	861,074	1,095,627	0	165,153	0	28,251	0	1,565
Department of Agriculture	15,957	3,992	0	0	11,885	0	0	0	80
Department of Commerce	1,230	915	0	0	295	0	0	0	20
Department of Defense, research 2/	71,308	42,176	15,951	0	4,677	0	8,504	0	0
Dept of Defense, development 2/	1,046,042	508,448	531,215	0	6,379	0	0	0	0
Department of Energy	34,659	0	20,302	0	14,220	0	137	0	0
Department of Health & Human Svcs	107,576	0	935	0	90,673	0	15,521	0	447
Department of the Interior	10,358	9,335	372	0	411	0	0	0	240
Department of Transportation	1,218	0	1,066	0	152	0	0	0	0
Environmental Protection Agency	7,129	3,664	1,095	0	965	0	627	0	778
National Aeronautics and Space Admin	847,593	292,544	524,691	0	26,956	0	3,402	0	0
National Science Foundation	8,600	0	0	0	8,540	0	60	0	0
Alaska, total	92,966	47,330	1,058	0	27,774	0	716	0	16,088
Department of Agriculture	6,324	4,940	0	0	1,384	0	0	0	0
Department of Commerce	13,228	9,721	34	0	1,920	0	0	0	1,553
Department of Defense, research 2/	1,259	489	494	0	276	0	0	0	0
Dept of Defense, development 2/	10,211	10,106	105	0	0	0	0	0	0
Department of Energy	14,778	0	25	0	799	0	0	0	13,954
Department of Health & Human Svcs	2,623	690	248	0	638	0	688	0	359
Department of the Interior	23,722	21,384	110	0	2,006	0	0	0	222
Environmental Protection Agency	41	0	0	0	41	0	0	0	0
National Aeronautics and Space Admin	8,460	0	42	0	8,418	0	0	0	0
National Science Foundation	12,320	0	0	0	12,292	0	28	0	0
Arizona, total	638,209	217,969	223,560	0	158,909	28,510	7,897	0	1,364
Department of Agriculture	18,093	11,939	5	0	6,149	0	0	0	0
Department of Commerce	452	0	0	0	240	0	0	0	212
Department of Defense, research 2/	33,852	2,389	21,219	0	10,244	0	0	0	0
Dept of Defense, development 2/	370,310	184,488	184,553	0	1,269	0	0	0	0
Department of Energy	3,940	0	250	0	3,690	0	0	0	0
Department of Health & Human Svcs	71,805	8,716	2,525	0	53,551	0	6,242	0	771
Department of the Interior	9,159	6,274	30	0	2,774	0	0	0	81
Department of Transportation	246	0	30	0	216	0	0	0	0
Environmental Protection Agency	1,516	0	0	0	806	0	410	0	300
National Aeronautics and Space Admin	40,298	4,163	14,260	0	21,149	0	726	0	0
National Science Foundation	88,538	0	688	0	58,821	28,510	519	0	0
Arkansas, total	68,848	33,974	9,929	0	23,089	0	1,286	0	570
Department of Agriculture	13,044	3,749	29	0	9,261	0	5	0	0
Department of Commerce	13	0	0	0	13	0	0	0	0
Department of Defense, research 2/	942	200	109	0	633	0	0	0	0
Dept of Defense, development 2/	9,820	1,236	8,544	0	40	0	0	0	0
Department of Energy	1,244	0	336	0	908	0	0	0	0
Department of Health & Human Svcs	35,568	24,160	816	0	8,920	0	1,119	0	553
Department of the Interior	5,474	4,629	0	0	828	0	0	0	17
Department of Transportation	83	0	0	0	83	0	0	0	0
Environmental Protection Agency	465	0	0	0	465	0	0	0	0
National Aeronautics and Space Admin	216	0	95	0	121	0	0	0	0
National Science Foundation	1,979	0	0	0	1,817	0	162	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-136. Federal obligations for research and development, by State, agency, and performer: fiscal year 1992

[Dollars in thousands]

State and agency	Total	Intramural 1/	Extramural						
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by non-profit institutions	State and local govts
California, total	15,999,143	1,898,051	10,007,506	26,448	1,432,871	2,059,604	309,081	250,481	15,101
Department of Agriculture	76,838	51,000	336	0	25,056	0	446	0	0
Department of Commerce	53,685	36,956	8,450	0	7,227	1	53	0	998
Department of Defense, research 2/	707,923	141,860	346,459	1,723	173,072	16,947	23,342	4,520	0
Dept of Defense, development 2/	10,039,814	1,370,495	8,060,166	946	28,390	320,333	19,755	239,729	0
Department of Energy	1,213,247	732	150,432	23,779	109,465	923,449	5,275	115	0
Department of Health & Human Svcs	1,007,661	1,420	30,599	0	732,853	11,365	217,752	3,745	9,927
Department of the Interior	43,133	37,150	581	0	5,302	0	0	0	100
Department of Transportation	7,519	1,372	2,971	0	1,079	0	0	0	2,097
Environmental Protection Agency	21,169	0	11,388	0	6,355	0	1,592	0	1,834
National Aeronautics and Space Admin	2,592,326	256,814	1,384,197	0	139,125	787,382	22,532	2,131	145
National Science Foundation	235,828	252	11,927	0	204,947	127	18,334	241	0
Colorado, total	1,479,238	202,764	918,640	0	187,999	54,539	37,607	74,486	3,203
Department of Agriculture	30,230	22,256	29	0	7,858	0	47	0	40
Department of Commerce	79,745	69,158	52	0	10,535	0	0	0	0
Department of Defense, research 2/	32,064	3,130	16,722	0	11,958	161	93	0	0
Dept of Defense, development 2/	830,362	52,477	774,191	0	3,694	0	0	0	0
Department of Energy	107,407	6,006	19,134	0	7,132	0	676	74,459	0
Department of Health & Human Svcs	109,270	0	688	0	79,928	0	26,746	0	1,908
Department of the Interior	49,706	45,155	620	0	3,678	0	237	0	16
Department of Transportation	4,685	109	382	0	790	0	2,215	0	1,189
Environmental Protection Agency	8,768	0	1,446	0	3,274	189	3,809	0	50
National Aeronautics and Space Admin	134,153	4,431	101,934	0	22,299	2,596	2,866	27	0
National Science Foundation	92,848	42	3,442	0	36,853	51,593	918	0	0
Connecticut, total	578,332	44,075	321,388	0	194,322	0	15,384	0	3,163
Department of Agriculture	5,536	1,676	0	0	2,702	0	0	0	1,158
Department of Commerce	8,892	5,655	497	0	2,692	0	0	0	48
Department of Defense, research 2/	45,590	15,828	18,515	0	11,247	0	0	0	0
Dept of Defense, development 2/	226,234	8,826	217,285	0	123	0	0	0	0
Department of Energy	51,931	0	41,084	0	10,774	0	73	0	0
Department of Health & Human Svcs	166,245	0	2,684	0	148,542	0	13,295	0	1,724
Department of the Interior	3,293	3,145	2	0	111	0	0	0	35
Department of Transportation	12,360	8,945	3,373	0	42	0	0	0	0
Environmental Protection Agency	5,680	0	3,493	0	647	0	1,540	0	0
National Aeronautics and Space Admin	33,905	0	32,288	0	1,419	0	198	0	0
National Science Foundation	18,666	0	2,167	0	16,023	0	278	0	198
Delaware, total	43,065	7,467	12,768	0	19,406	0	2,482	0	942
Department of Agriculture	3,702	1,262	14	0	2,416	0	10	0	0
Department of Commerce	6,182	3,428	1,043	0	1,152	0	0	0	559
Department of Defense, research 2/	9,406	4	5,615	0	3,787	0	0	0	0
Dept of Defense, development 2/	5,584	0	5,488	0	96	0	0	0	0
Department of Energy	1,428	0	0	0	1,103	0	325	0	0
Department of Health & Human Svcs	3,032	0	0	0	1,867	0	907	0	258
Department of the Interior	2,874	2,773	0	0	101	0	0	0	0
Department of Transportation	82	0	0	0	82	0	0	0	0
Environmental Protection Agency	838	0	0	0	713	0	0	0	125
National Aeronautics and Space Admin	2,597	0	458	0	1,464	0	675	0	0
National Science Foundation	7,340	0	150	0	6,625	0	565	0	0
District of Columbia, total	2,185,196	1,592,117	286,184	0	116,103	0	187,355	0	1,437
Department of Agriculture	143,208	136,724	5,047	0	1,386	0	51	0	0
Department of Commerce	8,588	7,599	5	0	971	0	13	0	0
Department of Defense, research 2/	236,710	203,388	13,952	0	6,324	0	13,046	0	0
Dept of Defense, development 2/	785,647	622,744	129,475	0	12,717	0	20,526	0	185
Department of Energy	248,687	198,473	44,654	0	1,597	0	3,963	0	0
Department of Health & Human Svcs	160,458	53,216	3,802	0	53,843	0	49,004	0	593
Department of the Interior	28,895	25,346	3,196	0	353	0	0	0	0
Department of Transportation	53,474	42,540	6,422	0	200	0	2,312	0	0
Environmental Protection Agency	29,216	0	818	0	721	0	27,222	0	455
National Aeronautics and Space Admin	400,759	295,148	77,754	0	5,650	0	22,165	0	42
National Science Foundation	89,554	6,939	1,059	0	32,341	0	49,053	0	162

See explanatory information, if any, and SOURCE at end of table.

Table C-136. Federal obligations for research and development, by State, agency, and performer: fiscal year 1992

[Dollars in thousands]

State and agency	Total	Intramural 1/	Extramural						
			Industrial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institu-tions	FFRDCs admin by non-profit institu-tions	State and local govts
Florida, total	2,832,290	541,026	2,067,111	0	213,618	0	6,743	0	3,792
Department of Agriculture	32,156	20,405	16	0	11,685	0	50	0	0
Department of Commerce	48,974	36,964	2,762	0	8,236	0	0	0	1,012
Department of Defense, research 2/	99,621	34,593	36,090	0	27,739	0	1,199	0	0
Dept of Defense, development 2/	1,995,080	219,086	1,769,742	0	6,109	0	0	0	143
Department of Energy	23,227	0	7,462	0	14,511	0	1,254	0	0
Department of Health & Human Svcs	100,117	0	2,301	0	93,902	0	2,494	0	1,420
Department of the Interior	11,302	10,193	0	0	1,029	0	0	0	80
Department of Transportation	2,453	345	818	0	451	0	0	0	839
Environmental Protection Agency	11,248	4,575	1,795	0	4,125	0	455	0	298
National Aeronautics and Space Admin	472,225	214,865	245,139	0	11,989	0	232	0	0
National Science Foundation	35,887	0	986	0	33,842	0	1,059	0	0
Georgia, total	2,512,567	125,058	2,177,441	0	200,979	0	6,387	0	2,702
Department of Agriculture	50,464	37,369	6	0	12,989	0	100	0	0
Department of Commerce	5,034	3,222	663	0	1,149	0	0	0	0
Department of Defense, research 2/	48,096	3,194	9,997	0	34,893	0	12	0	0
Dept of Defense, development 2/	2,183,255	8,324	2,161,365	0	13,566	0	0	0	0
Department of Energy	13,040	18	410	0	11,398	0	1,214	0	0
Department of Health & Human Svcs	154,903	58,889	793	0	91,894	0	2,553	0	774
Department of the Interior	6,922	6,182	0	0	740	0	0	0	0
Department of Transportation	2,920	630	1,051	0	511	0	0	0	728
Environmental Protection Agency	13,465	4,391	101	0	8,688	0	230	0	55
National Aeronautics and Space Admin	11,109	2,839	2,710	0	4,692	0	868	0	0
National Science Foundation	23,359	0	345	0	20,459	0	1,410	0	1,145
Hawaii, total	150,654	41,919	52,192	0	46,933	0	9,262	0	348
Department of Agriculture	19,812	9,809	0	0	4,778	0	5,225	0	0
Department of Commerce	14,060	11,802	501	0	1,757	0	0	0	0
Department of Defense, research 2/	28,467	491	24,808	0	3,168	0	0	0	0
Dept of Defense, development 2/	35,704	9,522	25,297	0	885	0	0	0	0
Department of Energy	2,044	0	0	0	1,917	0	127	0	0
Department of Health & Human Svcs	15,988	0	886	0	11,978	0	2,894	0	230
Department of the Interior	13,015	10,295	0	0	2,720	0	0	0	0
Environmental Protection Agency	278	0	0	0	22	0	138	0	118
National Aeronautics and Space Admin	7,297	0	650	0	6,647	0	0	0	0
National Science Foundation	13,989	0	50	0	13,061	0	878	0	0
Idaho, total	299,457	25,228	8,950	181,624	13,979	68,685	544	0	447
Department of Agriculture	18,317	13,089	0	18	5,173	0	0	0	37
Department of Commerce	6	0	0	0	6	0	0	0	0
Department of Defense, research 2/	2,457	240	1,093	236	888	0	0	0	0
Dept of Defense, development 2/	6,616	2,109	377	4,130	0	0	0	0	0
Department of Energy	251,787	1,503	6,730	174,185	634	68,685	0	0	50
Department of Health & Human Svcs	1,734	0	50	0	828	0	544	0	312
Department of the Interior	11,634	7,087	0	3,055	1,444	0	0	0	48
Department of Transportation	1,900	1,200	700	0	0	0	0	0	0
Environmental Protection Agency	390	0	0	0	390	0	0	0	0
National Aeronautics and Space Admin	2,682	0	0	0	2,682	0	0	0	0
National Science Foundation	1,934	0	0	0	1,934	0	0	0	0
Illinois, total	921,924	63,479	99,197	449	364,237	350,745	41,284	0	2,533
Department of Agriculture	42,481	29,795	135	0	12,537	0	14	0	0
Department of Commerce	965	0	375	0	311	0	0	0	279
Department of Defense, research 2/	61,782	14,114	12,518	0	33,633	1,209	308	0	0
Dept of Defense, development 2/	79,405	12,356	55,550	0	2,541	8,958	0	0	0
Department of Energy	392,772	2,096	17,806	449	26,069	340,003	4,883	0	1,466
Department of Health & Human Svcs	211,821	491	5,716	0	173,836	0	31,253	0	525
Department of the Interior	4,647	3,863	0	0	730	0	0	0	54
Department of Transportation	2,451	206	1,093	0	675	0	477	0	0
Environmental Protection Agency	2,745	0	160	0	1,349	0	1,027	0	209
National Aeronautics and Space Admin	15,760	508	3,790	0	10,707	380	375	0	0
National Science Foundation	107,095	50	2,054	0	101,849	195	2,947	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-136. Federal obligations for research and development, by State, agency, and performer: fiscal year 1992

[Dollars in thousands]

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State and agency	Total	Intramural 1/	Extramural						
			Industrial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institu-tions	FFRDCs admin by non-profit institu-tions	State and local govts
Indiana, total	367,003	93,901	108,376	0	161,793	0	2,156	0	777
Department of Agriculture	16,207	4,557	15	0	11,629	0	6	0	0
Department of Commerce	241	0	75	0	166	0	0	0	0
Department of Defense, research 2/	16,511	4,107	3,532	0	8,872	0	0	0	0
Dept of Defense, development 2/	172,494	80,743	91,133	0	618	0	0	0	0
Department of Energy	36,756	0	8,587	0	28,169	0	0	0	0
Department of Health & Human Svcs	72,962	0	3,909	0	67,672	0	721	0	660
Department of the Interior	4,466	3,854	0	0	495	0	0	0	117
Department of Transportation	210	0	5	0	205	0	0	0	0
Environmental Protection Agency	2,316	0	0	0	1,284	0	1,032	0	0
National Aeronautics and Space Admin	6,708	640	951	0	4,720	0	397	0	0
National Science Foundation	38,132	0	169	0	37,963	0	0	0	0
Iowa, total	194,674	28,606	18,048	0	120,162	24,808	2,415	0	635
Department of Agriculture	40,252	24,516	0	0	15,734	0	2	0	0
Department of Commerce	2,770	0	797	0	1,973	0	0	0	0
Department of Defense, research 2/	5,658	10	412	0	4,855	341	40	0	0
Dept of Defense, development 2/	15,969	470	14,261	0	1,238	0	0	0	0
Department of Energy	28,981	0	1,428	0	3,086	24,467	0	0	0
Department of Health & Human Svcs	73,918	0	556	0	70,634	0	2,272	0	456
Department of the Interior	3,957	3,610	0	0	268	0	0	0	79
Environmental Protection Agency	1,767	0	0	0	1,566	0	101	0	100
National Aeronautics and Space Admin	10,772	0	594	0	10,178	0	0	0	0
National Science Foundation	10,630	0	0	0	10,630	0	0	0	0
Kansas, total	91,235	11,492	22,650	0	52,944	0	3,119	0	1,030
Department of Agriculture	11,052	4,698	0	0	6,354	0	0	0	0
Department of Commerce	1,500	1,500	0	0	0	0	0	0	0
Department of Defense, research 2/	2,033	778	138	0	1,117	0	0	0	0
Dept of Defense, development 2/	21,562	296	21,045	0	221	0	0	0	0
Department of Energy	9,012	0	405	0	8,557	0	50	0	0
Department of Health & Human Svcs	26,802	0	844	0	21,986	0	3,069	0	903
Department of the Interior	4,426	4,220	0	0	129	0	0	0	77
Department of Transportation	1,245	0	0	0	1,245	0	0	0	0
Environmental Protection Agency	1,955	0	0	0	1,905	0	0	0	50
National Aeronautics and Space Admin	2,392	0	218	0	2,174	0	0	0	0
National Science Foundation	9,256	0	0	0	9,256	0	0	0	0
Kentucky, total	71,706	14,127	4,806	0	48,676	0	2,630	0	1,467
Department of Agriculture	10,987	1,471	0	0	9,516	0	0	0	0
Department of Commerce	42	0	0	0	42	0	0	0	0
Department of Defense, research 2/	2,313	993	4	0	1,316	0	0	0	0
Dept of Defense, development 2/	10,853	8,158	2,370	0	325	0	0	0	0
Department of Energy	3,171	0	0	0	3,121	0	50	0	0
Department of Health & Human Svcs	31,253	0	2,114	0	26,978	0	1,657	0	504
Department of the Interior	4,041	3,505	0	0	321	0	0	0	215
Department of Transportation	784	0	0	0	84	0	0	0	700
Environmental Protection Agency	1,397	0	0	0	426	0	923	0	48
National Aeronautics and Space Admin	992	0	318	0	674	0	0	0	0
National Science Foundation	5,873	0	0	0	5,873	0	0	0	0
Louisiana, total	169,580	42,501	21,350	0	102,405	0	1,914	0	1,410
Department of Agriculture	33,097	24,286	0	0	8,663	0	148	0	0
Department of Commerce	1,497	915	0	0	582	0	0	0	0
Department of Defense, research 2/	6,741	275	1,987	0	4,473	0	6	0	0
Dept of Defense, development 2/	21,399	2,997	16,778	0	1,624	0	0	0	0
Department of Energy	22,731	0	1,254	0	21,477	0	0	0	0
Department of Health & Human Svcs	55,927	2,736	335	0	50,775	0	1,670	0	411
Department of the Interior	13,506	11,261	0	0	1,957	0	0	0	288
Department of Transportation	280	0	0	0	0	0	0	0	280
Environmental Protection Agency	2,644	0	0	0	2,348	0	90	0	206
National Aeronautics and Space Admin	2,308	31	996	0	1,281	0	0	0	0
National Science Foundation	9,450	0	0	0	9,225	0	0	0	225

See explanatory information, if any, and SOURCE at end of table.

Table C-136. Federal obligations for research and development, by State, agency, and performer: fiscal year 1992

[Dollars in thousands]

State and agency	Total	Intramural 1/	Extramural						
			Industrial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institu-tions	FFRDCs admin by non-profit institu-tions	State and local govts
Maine, total	60,568	11,053	17,798	0	13,501	0	16,909	0	1,307
Department of Agriculture	5,240	1,093	0	0	4,122	0	0	0	25
Department of Commerce	8,607	5,878	0	0	2,682	0	0	0	47
Department of Defense, research 2/	2,534	0	1,831	0	461	0	242	0	0
Dept of Defense, development 2/	13,827	463	13,144	0	220	0	0	0	0
Department of Energy	2,735	0	2,538	0	197	0	0	0	0
Department of Health & Human Svcs	15,782	0	120	0	829	0	13,648	0	1,185
Department of the Interior	3,919	3,619	0	0	300	0	0	0	0
Environmental Protection Agency	984	0	0	0	785	0	149	0	50
National Aeronautics and Space Admin	826	0	91	0	153	0	582	0	0
National Science Foundation	6,114	0	74	0	3,752	0	2,288	0	0
Maryland, total	5,779,695	3,478,668	1,516,154	16,430	607,995	0	141,935	12,238	6,275
Department of Agriculture	111,915	101,538	1,156	0	8,818	0	292	0	111
Department of Commerce	169,160	163,886	1,080	0	3,585	0	34	0	575
Department of Defense, research 2/	332,479	216,621	84,496	0	30,382	0	980	0	0
Dept of Defense, development 2/	2,201,129	1,058,545	875,299	450	235,721	0	21,722	8,677	515
Department of Energy	107,376	77,601	15,151	0	13,956	0	668	0	0
Department of Health & Human Svcs	1,950,899	1,503,139	135,654	15,980	252,773	0	39,076	3,361	916
Department of the Interior	19,372	19,266	0	0	106	0	0	0	0
Department of Transportation	32,811	7,288	24,372	0	548	0	453	0	150
Environmental Protection Agency	25,663	4,514	4,067	0	4,414	0	9,437	0	3,231
National Aeronautics and Space Admin	789,989	325,057	373,071	0	24,218	0	66,866	0	777
National Science Foundation	38,902	1,213	1,808	0	33,474	0	2,407	0	0
Massachusetts, total	3,227,932	362,532	1,320,154	4,715	738,960	187,025	482,379	126,850	5,317
Department of Agriculture	19,781	14,102	125	0	5,229	0	325	0	0
Department of Commerce	38,509	27,026	4,821	0	6,390	0	187	0	85
Department of Defense, research 2/	336,441	87,646	111,446	0	114,509	19,962	2,508	370	0
Dept of Defense, development 2/	1,602,281	152,840	1,089,136	4,715	38,214	166,992	24,001	126,383	0
Department of Energy	76,272	0	8,767	0	64,619	0	2,886	0	0
Department of Health & Human Svcs	784,057	27,691	54,223	0	312,520	0	384,912	0	4,711
Department of the Interior	6,959	5,435	0	0	929	0	595	0	0
Department of Transportation	53,533	47,113	3,611	0	2,809	0	0	0	0
Environmental Protection Agency	32,017	0	16,355	0	8,988	0	6,153	0	521
National Aeronautics and Space Admin	125,134	527	25,700	0	47,606	71	51,230	0	0
National Science Foundation	152,948	152	5,970	0	137,147	0	9,582	97	0
Michigan, total	876,267	72,203	422,827	0	302,634	0	77,328	0	1,275
Department of Agriculture	22,226	5,972	0	0	16,254	0	0	0	0
Department of Commerce	19,566	7,006	7,651	0	759	0	4,130	0	20
Department of Defense, research 2/	58,154	13,954	20,297	0	22,032	0	1,871	0	0
Dept of Defense, development 2/	415,363	30,889	374,492	0	2,048	0	7,934	0	0
Department of Energy	21,292	0	7,300	0	13,889	0	103	0	0
Department of Health & Human Svcs	204,594	0	4,848	0	170,782	0	27,754	0	1,210
Department of the Interior	9,382	8,811	0	0	571	0	0	0	0
Department of Transportation	3,577	746	1,066	0	1,765	0	0	0	0
Environmental Protection Agency	16,073	4,742	3,119	0	6,972	0	1,195	0	45
National Aeronautics and Space Admin	41,261	83	3,212	0	12,084	0	25,882	0	0
National Science Foundation	64,779	0	842	0	55,478	0	8,459	0	0
Minnesota, total	456,392	44,403	185,667	0	148,634	0	75,368	0	2,320
Department of Agriculture	23,922	14,001	8	0	9,913	0	0	0	0
Department of Commerce	5,832	4,138	1,311	0	383	0	0	0	0
Department of Defense, research 2/	43,043	26	33,889	0	8,929	0	199	0	0
Dept of Defense, development 2/	152,541	3,448	134,748	0	345	0	14,000	0	0
Department of Energy	6,025	0	0	0	5,881	0	144	0	0
Department of Health & Human Svcs	155,249	0	3,799	0	89,356	0	60,088	0	2,006
Department of the Interior	18,805	16,629	1,191	0	965	0	0	0	20
Department of Transportation	8,364	0	8,364	0	0	0	0	0	0
Environmental Protection Agency	11,123	6,161	585	0	3,476	0	607	0	294
National Aeronautics and Space Admin	4,291	0	1,509	0	2,782	0	0	0	0
National Science Foundation	27,197	0	263	0	26,604	0	330	0	0

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Table C-136. Federal obligations for research and development, by State, agency, and performer: fiscal year 1992

[Dollars in thousands]

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State and agency	Total	Intramural 1/	Extramural						
			Industrial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institu-tions	FFRDCs admin by non-profit institu-tions	State and local govts
Mississippi, total	255,695	177,002	32,527	0	40,626	0	4,555	0	985
Department of Agriculture	48,626	34,955	0	0	12,823	0	848	0	0
Department of Commerce	7,837	5,689	1,430	0	718	0	0	0	0
Department of Defense, research 2/	82,484	71,675	6,367	0	4,442	0	0	0	0
Dept of Defense, development 2/	46,857	37,743	7,780	0	1,097	0	237	0	0
Department of Energy	6,543	0	250	0	6,293	0	0	0	0
Department of Health & Human Svcs	8,800	0	0	0	7,014	0	1,236	0	550
Department of the Interior	4,308	3,593	0	0	519	0	0	0	196
Department of Transportation	2,506	2,506	0	0	0	0	0	0	0
Environmental Protection Agency	4,698	2,621	0	0	1,136	0	858	0	83
National Aeronautics and Space Admin	37,413	18,104	16,700	0	1,281	0	1,328	0	0
National Science Foundation	5,623	116	0	0	5,303	0	48	0	156
Missouri, total	733,542	55,440	470,290	0	189,316	0	17,384	0	1,112
Department of Agriculture	18,278	5,945	181	0	12,152	0	0	0	0
Department of Commerce	250	0	2	0	248	0	0	0	0
Department of Defense, research 2/	17,158	1,269	9,530	0	6,359	0	0	0	0
Dept of Defense, development 2/	486,105	34,802	449,609	0	1,694	0	0	0	0
Department of Energy	14,176	0	665	0	13,511	0	0	0	0
Department of Health & Human Svcs	151,199	0	1,075	0	135,764	0	13,325	0	1,035
Department of the Interior	15,055	13,424	387	0	1,167	0	0	0	77
Department of Transportation	1,123	0	0	0	128	0	995	0	0
Environmental Protection Agency	4,889	0	4,322	0	567	0	0	0	0
National Aeronautics and Space Admin	8,393	0	4,120	0	4,254	0	19	0	0
National Science Foundation	16,916	0	399	0	13,472	0	3,045	0	0
Montana, total	71,548	26,372	27,459	0	15,770	0	1,244	0	703
Department of Agriculture	13,764	8,991	20	0	4,558	0	102	0	93
Department of Defense, research 2/	583	29	21	0	533	0	0	0	0
Dept of Defense, development 2/	3,372	11	3,361	0	0	0	0	0	0
Department of Energy	25,038	380	23,836	0	647	0	50	0	125
Department of Health & Human Svcs	16,296	11,522	0	0	3,356	0	1,092	0	326
Department of the Interior	6,477	5,439	0	0	923	0	0	0	115
Environmental Protection Agency	1,213	0	50	0	1,119	0	0	0	44
National Aeronautics and Space Admin	1,017	0	166	0	851	0	0	0	0
National Science Foundation	3,788	0	5	0	3,783	0	0	0	0
Nebraska, total	71,143	23,388	8,122	0	33,008	0	5,520	0	1,105
Department of Agriculture	24,864	16,487	0	0	8,377	0	0	0	0
Department of Defense, research 2/	1,814	116	52	0	1,646	0	0	0	0
Dept of Defense, development 2/	9,856	2,571	7,157	0	127	0	0	0	1
Department of Energy	1,315	0	450	0	865	0	0	0	0
Department of Health & Human Svcs	22,759	0	151	0	16,494	0	5,480	0	634
Department of the Interior	4,457	4,214	0	0	213	0	0	0	30
Environmental Protection Agency	566	0	0	0	86	0	40	0	440
National Aeronautics and Space Admin	1,179	0	312	0	867	0	0	0	0
National Science Foundation	4,333	0	0	0	4,333	0	0	0	0
Nevada, total	465,781	89,709	349,264	0	22,738	0	3,468	0	602
Department of Agriculture	2,196	671	0	0	1,475	0	0	0	50
Department of Commerce	469	0	0	0	190	0	0	0	279
Department of Defense, research 2/	69,259	65,270	3,513	0	476	0	0	0	0
Dept of Defense, development 2/	8,858	3,683	4,663	0	512	0	0	0	0
Department of Energy	340,979	25	336,239	0	2,495	0	2,220	0	0
Department of Health & Human Svcs	7,346	0	227	0	5,682	0	1,239	0	198
Department of the Interior	17,382	15,294	241	0	1,787	0	0	0	60
Department of Transportation	3,490	0	3,490	0	0	0	0	0	0
Environmental Protection Agency	9,819	4,277	0	0	5,518	0	9	0	15
National Aeronautics and Space Admin	1,804	489	891	0	424	0	0	0	0
National Science Foundation	4,179	0	0	0	4,179	0	0	0	0

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Table C-136. Federal obligations for research and development, by State, agency, and performer: fiscal year 1992

[Dollars in thousands]

State and agency	Total	Intramural 1/	Extramural						
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts
New Hampshire, total	156,135	22,552	74,436	0	58,430	0	243	0	474
Department of Agriculture	4,507	2,001	0	0	2,506	0	0	0	0
Department of Commerce	2,845	2,024	0	0	735	0	0	0	86
Department of Defense, research 2/	23,110	10,084	10,449	0	2,577	0	0	0	0
Dept of Defense, development 2/	67,710	4,951	61,846	0	913	0	0	0	0
Department of Energy	1,714	0	24	0	1,690	0	0	0	0
Department of Health & Human Svcs	33,179	0	150	0	32,424	0	237	0	368
Department of the Interior	3,339	3,067	0	0	252	0	0	0	20
Department of Transportation	211	200	11	0	0	0	0	0	0
Environmental Protection Agency	1,394	0	50	0	1,338	0	6	0	0
National Aeronautics and Space Admin	11,567	125	1,251	0	10,191	0	0	0	0
National Science Foundation	6,559	100	655	0	5,804	0	0	0	0
New Jersey, total	1,646,784	645,109	725,483	0	152,889	109,984	7,650	3,505	1,984
Department of Agriculture	6,631	785	27	0	5,819	0	0	0	0
Department of Commerce	20,544	17,322	1,165	0	2,010	0	0	0	47
Department of Defense, research 2/	158,169	106,371	31,001	0	20,240	259	195	100	3
Dept of Defense, development 2/	991,822	389,526	595,762	0	2,837	292	0	3,405	0
Department of Energy	138,804	0	18,805	0	10,479	109,433	87	0	0
Department of Health & Human Svcs	82,208	0	9,294	0	65,440	0	6,646	0	828
Department of the Interior	4,773	4,486	0	0	251	0	0	0	36
Department of Transportation	123,263	120,230	2,296	0	737	0	0	0	0
Environmental Protection Agency	15,378	6,108	2,323	0	5,697	0	200	0	1,050
National Aeronautics and Space Admin	72,013	281	64,483	0	7,024	0	225	0	0
National Science Foundation	33,179	0	327	0	32,355	0	497	0	0
New Mexico, total	2,211,251	479,363	249,762	765,990	77,305	623,377	5,299	8,356	1,799
Department of Agriculture	6,018	2,412	0	0	3,504	0	102	0	0
Department of Commerce	161	0	0	0	161	0	0	0	0
Department of Defense, research 2/	135,951	43,130	37,145	19,305	10,205	25,728	284	0	154
Dept of Defense, development 2/	835,268	412,758	197,520	139,281	14,088	70,366	0	840	415
Department of Energy	1,155,201	518	13,150	607,322	5,659	520,645	391	7,516	0
Department of Health & Human Svcs	29,086	1,405	1,126	0	16,303	6,044	3,358	0	850
Department of the Interior	6,661	6,016	0	82	533	0	0	0	30
Department of Transportation	1,622	1,125	21	0	126	0	0	0	350
Environmental Protection Agency	990	0	0	0	671	0	319	0	0
National Aeronautics and Space Admin	29,049	11,011	0	0	17,322	594	122	0	0
National Science Foundation	11,244	988	800	0	8,733	0	723	0	0
New York, total	3,058,737	121,162	1,229,105	361,461	935,727	204,356	167,652	193	39,081
Department of Agriculture	30,625	14,943	110	0	14,816	0	756	0	0
Department of Commerce	6,316	2,194	691	0	3,129	152	103	0	47
Department of Defense, research 2/	209,276	43,136	90,489	10,991	59,110	339	5,211	0	0
Dept of Defense, development 2/	1,183,052	42,678	1,079,646	50,660	8,356	625	894	193	0
Department of Energy	576,061	11,226	18,727	299,810	47,153	197,646	1,499	0	0
Department of Health & Human Svcs	775,682	100	10,911	0	576,667	4,403	145,780	0	37,821
Department of the Interior	7,007	5,167	0	0	1,840	0	0	0	0
Department of Transportation	10,219	0	5,109	0	4,610	0	0	0	500
Environmental Protection Agency	20,488	0	1,669	0	14,571	0	4,034	0	214
National Aeronautics and Space Admin	47,141	1,718	18,511	0	25,168	0	1,744	0	0
National Science Foundation	192,870	0	3,242	0	180,307	1,191	7,631	0	499
North Carolina, total	700,671	153,828	152,433	0	358,918	0	33,294	0	4,198
Department of Agriculture	32,324	16,876	360	0	14,973	0	55	0	60
Department of Commerce	9,900	6,013	1,129	0	2,404	0	334	0	20
Department of Defense, research 2/	43,072	12,564	6,107	0	21,697	0	2,704	0	0
Dept of Defense, development 2/	131,144	29,503	96,010	0	3,925	0	1,706	0	0
Department of Energy	11,120	739	753	0	8,582	0	1,046	0	0
Department of Health & Human Svcs	340,021	67,795	6,100	0	246,176	0	18,140	0	1,810
Department of the Interior	5,040	4,311	0	0	719	0	0	0	10
Department of Transportation	4,234	0	618	0	1,517	0	0	0	2,099
Environmental Protection Agency	75,287	15,661	39,322	0	12,763	0	7,342	0	199
National Aeronautics and Space Admin	9,976	366	1,149	0	6,758	0	1,703	0	0
National Science Foundation	38,553	0	885	0	37,404	0	264	0	0

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[Dollars in thousands]

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			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts
North Dakota, total	54,230	25,960	6,543	0	19,837	0	1,239	0	651
Department of Agriculture	25,943	18,783	0	0	7,160	0	0	0	0
Department of Commerce	240	0	0	0	0	0	0	0	240
Department of Defense, research 2/	627	0	0	0	627	0	0	0	0
Dept of Defense, development 2/	2,368	0	2,368	0	0	0	0	0	0
Department of Energy	6,285	0	0	0	6,285	0	0	0	0
Department of Health & Human Svcs	2,535	0	50	0	835	0	1,239	0	411
Department of the Interior	7,294	7,177	0	0	117	0	0	0	0
Department of Transportation	4,125	0	4,125	0	0	0	0	0	0
Environmental Protection Agency	2,500	0	0	0	2,500	0	0	0	0
National Aeronautics and Space Admin	287	0	0	0	287	0	0	0	0
National Science Foundation	2,026	0	0	0	2,026	0	0	0	0
Ohio, total	1,863,371	628,556	888,349	0	277,531	0	66,696	0	2,239
Department of Agriculture	16,978	6,552	4	0	10,197	0	225	0	0
Department of Commerce	587	0	0	0	466	0	101	0	20
Department of Defense, research 2/	285,124	165,663	82,695	0	31,688	0	5,078	0	0
Dept of Defense, development 2/	788,343	189,009	581,808	0	6,822	0	10,704	0	0
Department of Energy	47,511	15,453	25,763	0	6,201	0	94	0	0
Department of Health & Human Svcs	223,274	10,337	8,025	0	164,170	0	39,859	0	883
Department of the Interior	5,201	4,103	65	0	468	0	0	0	565
Department of Transportation	6,528	4,467	1,342	0	169	0	550	0	0
Environmental Protection Agency	24,572	12,909	4,457	0	6,815	0	150	0	241
National Aeronautics and Space Admin	435,419	220,063	183,920	0	21,286	0	9,620	0	530
National Science Foundation	29,834	0	270	0	29,249	0	315	0	0
Oklahoma, total	126,054	33,648	28,630	0	46,442	0	16,984	0	350
Department of Agriculture	16,616	8,852	26	0	7,738	0	0	0	0
Department of Commerce	3,718	3,252	0	0	466	0	0	0	0
Department of Defense, research 2/	4,092	620	680	0	2,792	0	0	0	0
Dept of Defense, development 2/	17,931	5,259	12,473	0	199	0	0	0	0
Department of Energy	30,887	523	14,973	0	11,732	0	3,659	0	0
Department of Health & Human Svcs	20,817	0	285	0	12,776	0	7,406	0	350
Department of the Interior	4,299	3,984	0	0	315	0	0	0	0
Department of Transportation	5,683	5,583	0	0	100	0	0	0	0
Environmental Protection Agency	12,351	5,399	50	0	1,477	0	5,425	0	0
National Aeronautics and Space Admin	1,035	176	75	0	395	0	389	0	0
National Science Foundation	8,625	0	68	0	8,452	0	105	0	0
Oregon, total	226,514	48,990	30,564	0	124,089	0	20,902	0	1,969
Department of Agriculture	34,267	19,654	45	0	14,336	0	0	0	232
Department of Commerce	8,790	4,868	1,807	0	2,095	0	0	0	20
Department of Defense, research 2/	22,125	0	12,788	0	9,2[illegible]	0	100	0	0
Dept of Defense, development 2/	7,661	466	5,717	0	1,478	0	0	0	0
Department of Energy	20,340	1,135	2,570	0	16,335	0	0	0	300
Department of Health & Human Svcs	69,776	50	2,263	0	46,984	0	20,015	0	464
Department of the Interior	20,934	17,380	442	0	3,059	0	0	0	53
Department of Transportation	1,270	0	201	0	369	0	0	0	700
Environmental Protection Agency	10,453	5,267	664	0	4,100	0	222	0	200
National Aeronautics and Space Admin	7,107	150	2,245	0	4,633	0	79	0	0
National Science Foundation	23,791	20	1,822	0	21,463	0	486	0	0
Pennsylvania, total	1,794,428	317,828	470,367	257,695	567,440	27,050	150,098	0	3,950
Department of Agriculture	39,530	28,343	0	0	11,000	0	187	0	0
Department of Commerce	1,615	456	611	0	548	0	0	0	0
Department of Defense, research 2/	154,544	35,549	24,194	4,599	89,776	150	276	0	0
Dept of Defense, development 2/	711,366	219,601	341,222	85,777	20,766	26,900	17,100	0	0
Department of Energy	283,719	6,201	68,905	167,319	22,097	0	16,361	0	2,836
Department of Health & Human Svcs	415,669	0	3,509	0	314,813	0	96,401	0	946
Department of the Interior	37,497	27,628	7,582	0	2,222	0	0	0	65
Department of Transportation	12,767	50	8,471	0	4,022	0	224	0	0
Environmental Protection Agency	8,446	0	87	0	6,204	0	2,052	0	103
National Aeronautics and Space Admin	35,261	0	15,581	0	19,092	0	588	0	0
National Science Foundation	94,014	0	205	0	76,900	0	16,909	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-136. Federal obligations for research and development, by State, agency, and performer: fiscal year 1992

[Dollars in thousands]

State and agency	Total	Intramural 1/	Extramural						
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts
Rhode Island, total	386,339	223,108	88,999	0	54,653	0	18,640	0	939
Department of Agriculture	1,709	0	0	0	1,686	0	23	0	0
Department of Commerce	6,981	4,805	162	0	1,947	0	0	0	67
Department of Defense, research 2/	29,630	13,860	3,689	0	11,950	0	131	0	0
Dept of Defense, development 2/	281,005	196,546	84,443	0	0	0	16	0	0
Department of Energy	3,092	0	0	0	2,932	0	160	0	0
Department of Health & Human Svcs	31,857	0	202	0	13,728	0	17,065	0	862
Department of the Interior	3,046	2,523	0	0	523	0	0	0	0
Department of Transportation	503	370	133	0	0	0	0	0	0
Environmental Protection Agency	6,638	5,004	50	0	1,562	0	12	0	10
National Aeronautics and Space Admin	2,807	0	320	0	2,396	0	91	0	0
National Science Foundation	19,071	0	0	0	17,929	0	1,142	0	0
South Carolina, total	172,130	34,983	10,985	64,843	52,782	0	7,364	0	1,173
Department of Agriculture	15,547	7,879	0	0	7,668	0	0	0	0
Department of Commerce	11,828	8,597	0	0	1,305	0	1,886	0	40
Department of Defense, research 2/	3,015	0	569	0	2,446	0	0	0	0
Dept of Defense, development 2/	25,589	14,642	4,151	0	1,598	0	5,198	0	0
Department of Energy	78,460	0	5,577	64,843	8,040	0	0	0	0
Department of Health & Human Svcs	21,774	50	589	0	19,958	0	267	0	910
Department of the Interior	4,563	3,815	0	0	525	0	0	0	223
Department of Transportation	10	0	10	0	0	0	0	0	0
Environmental Protection Agency	690	0	0	0	690	0	0	0	0
National Aeronautics and Space Admin	1,294	0	89	0	1,205	0	0	0	0
National Science Foundation	9,360	0	0	0	9,347	0	13	0	0
South Dakota, total	23,886	10,863	3,436	0	7,823	0	1,108	0	656
Department of Agriculture	5,463	2,227	0	0	3,236	0	0	0	0
Department of Commerce	18	0	18	0	0	0	0	0	0
Department of Defense, research 2/	918	295	423	0	200	0	0	0	0
Dept of Defense, development 2/	152	88	64	0	0	0	0	0	0
Department of Energy	40	0	0	0	0	0	40	0	0
Department of Health & Human Svcs	3,362	461	201	0	976	0	1,068	0	656
Department of the Interior	8,137	5,094	2,570	0	473	0	0	0	0
Department of Transportation	29	0	29	0	0	0	0	0	0
Environmental Protection Agency	315	0	0	0	315	0	0	0	0
National Aeronautics and Space Admin	3,372	2,698	131	0	543	0	0	0	0
National Science Foundation	2,080	0	0	0	2,080	0	0	0	0
Tennessee, total	666,025	81,386	91,330	275,339	157,976	21,802	36,804	0	1,388
Department of Agriculture	10,292	304	0	0	9,718	0	270	0	0
Department of Commerce	3,336	3,336	0	0	0	0	0	0	0
Department of Defense, research 2/	16,080	1,587	787	781	11,515	1,410	0	0	0
Dept of Defense, development 2/	129,016	65,807	50,227	10,747	1,838	260	0	0	137
Department of Energy	329,086	2,897	34,444	259,606	12,945	19,184	10	0	0
Department of Health & Human Svcs	129,829	2,213	1,877	1,098	105,749	933	17,645	0	314
Department of the Interior	4,376	3,239	0	0	1,015	0	0	0	122
Department of Transportation	4,379	0	0	2,673	1,006	0	0	0	700
Environmental Protection Agency	1,682	0	250	0	1,244	0	73	0	115
National Aeronautics and Space Admin	28,227	1,978	3,745	0	3,722	0	18,782	0	0
National Science Foundation	9,722	25	0	434	9,224	15	24	0	0
Texas, total	2,872,956	476,799	1,612,563	0	532,555	6,936	241,398	0	2,705
Department of Agriculture	60,789	41,313	425	0	19,051	0	0	0	0
Department of Commerce	4,338	392	2,325	0	1,531	0	0	0	90
Department of Defense, research 2/	123,753	30,874	56,921	0	30,447	3,741	1,770	0	0
Dept of Defense, development 2/	1,369,029	69,927	1,166,370	0	33,916	3,195	95,621	0	0
Department of Energy	173,430	5	50,776	0	28,895	0	93,754	0	0
Department of Health & Human Svcs	352,169	78	5,007	0	317,166	0	28,595	0	1,323
Department of the Interior	7,648	6,610	124	0	876	0	25	0	13
Department of Transportation	8,285	103	5,190	0	1,333	0	750	0	909
Environmental Protection Agency	20,980	0	9,467	0	11,072	0	71	0	370
National Aeronautics and Space Admin	696,770	327,497	315,295	0	33,413	0	20,565	0	0
National Science Foundation	55,765	0	663	0	54,855	0	247	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-136. Federal obligations for research and development, by State, agency, and performer: fiscal year 1992

[Dollars in thousands]

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State and agency	Total	Intramural 1/	Extramural						
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts
Utah, total	313,996	148,171	36,034	0	127,395	0	1,845	0	551
Department of Agriculture	11,850	8,013	0	0	3,830	0	0	0	7
Department of Commerce	732	0	350	0	221	0	0	0	161
Department of Defense, research 2/	15,173	4,483	3,014	0	7,676	0	0	0	0
Dept of Defense, development 2/	167,210	122,565	23,259	0	21,386	0	0	0	0
Department of Energy	5,565	0	100	0	4,790	0	675	0	0
Department of Health & Human Svcs	62,125	0	3,656	0	57,048	0	1,170	0	251
Department of the Interior	14,983	12,348	385	0	2,218	0	0	0	32
Department of Transportation	231	0	5	0	226	0	0	0	0
Environmental Protection Agency	986	0	150	0	736	0	0	0	100
National Aeronautics and Space Admin	17,876	762	4,915	0	12,199	0	0	0	0
National Science Foundation	17,265	0	200	0	17,065	0	0	0	0
Vermont, total	51,314	4,908	13,169	0	31,063	0	1,556	0	618
Department of Agriculture	5,901	1,727	0	0	4,174	0	0	0	0
Department of Defense, research 2/	1,785	0	1,387	0	398	0	0	0	0
Dept of Defense, development 2/	11,047	93	10,874	0	80	0	0	0	0
Department of Energy	500	0	0	0	500	0	0	0	0
Department of Health & Human Svcs	24,540	0	564	0	22,960	0	550	0	466
Department of the Interior	3,359	3,088	0	0	271	0	0	0	0
Environmental Protection Agency	1,775	0	0	0	617	0	1,006	0	152
National Aeronautics and Space Admin	424	0	344	0	80	0	0	0	0
National Science Foundation	1,983	0	0	0	1,983	0	0	0	0
Virginia, total	3,231,339	1,178,827	1,609,266	365	193,220	23,716	59,278	160,677	5,990
Department of Agriculture	10,927	1,432	99	0	8,370	0	958	0	68
Department of Commerce	12,074	6,815	3,350	0	1,120	0	0	250	539
Department of Defense, research 2/	388,077	115,017	243,235	0	19,056	19	5,500	5,250	0
Dept of Defense, development 2/	1,857,454	787,532	911,053	365	7,532	100	12,080	137,635	1,157
Department of Energy	65,143	7,580	8,801	0	20,311	23,597	4,854	0	0
Department of Health & Human Svcs	155,523	0	58,320	0	85,366	0	11,210	0	627
Department of the Interior	45,121	32,377	10,645	0	1,969	0	115	0	15
Department of Transportation	40,325	427	19,183	0	3,073	0	100	17,542	0
Environmental Protection Agency	44,569	0	38,698	0	1,811	0	3,951	0	109
National Aeronautics and Space Admin	573,043	226,634	314,070	0	18,204	0	10,660	0	3,475
National Science Foundation	39,083	1,013	1,812	0	26,408	0	9,850	0	0
Washington, total	900,492	121,654	302,138	9,765	277,123	0	89,208	97,043	3,561
Department of Agriculture	30,057	17,985	40	0	12,031	0	1	0	0
Department of Commerce	57,122	50,064	3,145	0	2,858	0	0	0	1,055
Department of Defense, research 2/	50,155	1,050	23,854	0	23,046	0	127	2,078	0
Dept of Defense, development 2/	296,968	29,965	257,574	576	4,628	0	123	4,102	0
Department of Energy	107,084	982	2,605	9,189	12,238	0	1,432	80,513	125
Department of Health & Human Svcs	269,972	120	2,546	0	169,484	0	86,205	10,303	1,314
Department of the Interior	21,676	18,522	597	0	2,402	0	0	0	155
Department of Transportation	10,119	0	9,619	0	0	0	0	0	500
Environmental Protection Agency	5,140	2,332	150	0	1,687	0	559	0	412
National Aeronautics and Space Admin	10,695	634	1,379	0	8,635	0	0	47	0
National Science Foundation	41,504	0	629	0	40,114	0	761	0	0
West Virginia, total	166,380	31,645	49,046	0	43,653	35,315	5,668	0	1,053
Department of Agriculture	19,800	14,238	0	0	4,302	0	1,260	0	0
Department of Defense, research 2/	12,628	0	1,398	0	11,230	0	0	0	0
Dept of Defense, development 2/	17,080	594	16,432	0	54	0	0	0	0
Department of Energy	37,139	1,251	29,417	0	2,944	0	3,527	0	0
Department of Health & Human Svcs	18,728	7,758	1,000	0	8,455	0	702	0	813
Department of the Interior	10,771	7,804	28	0	2,724	0	0	0	215
Department of Transportation	6,998	0	529	0	6,469	0	0	0	0
Environmental Protection Agency	4,460	0	0	0	4,256	0	179	0	25
National Aeronautics and Space Admin	2,017	0	242	0	1,775	0	0	0	0
National Science Foundation	36,759	0	0	0	1,444	35,315	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-136. Federal obligations for research and development, by State, agency, and performer: fiscal year 1992

[Dollars in thousands]

State and agency	Total	Intramural 1/	Extramural						
			Industrial firms	FFRDCs admin by industrial firms	Universities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institutions	FFRDCs admin by nonprofit institutions	State and local govts
Wisconsin, total	307,651	37,650	33,677	0	215,525	0	18,152	0	2,647
Department of Agriculture	34,153	23,023	84	0	11,046	0	0	0	0
Department of Commerce	2,434	750	0	0	1,684	0	0	0	0
Department of Defense, research 2/	19,470	0	7,524	0	11,946	0	0	0	0
Dept of Defense, development 2/	13,742	418	3,761	0	126	0	9,207	0	230
Department of Energy	19,543	120	0	0	18,663	0	760	0	0
Department of Health & Human Svcs	128,068	0	1,782	0	117,072	0	7,804	0	1,410
Department of the Interior	12,218	11,642	0	0	576	0	0	0	0
Department of Transportation	2,396	1,697	6	0	193	0	0	0	500
Environmental Protection Agency	2,348	0	50	0	2,074	0	47	0	177
National Aeronautics and Space Admin	34,868	0	20,420	0	14,178	0	270	0	0
National Science Foundation	38,411	0	50	0	37,967	0	64	0	330
Wyoming, total	41,369	9,799	15,137	0	12,136	0	4,130	0	167
Department of Agriculture	6,591	4,408	0	0	2,158	0	25	0	0
Department of Defense, research 2/	923	0	47	0	876	0	0	0	0
Department of Energy	16,019	0	15,090	0	929	0	0	0	0
Department of Health & Human Svcs	1,846	0	0	0	1,452	0	227	0	167
Department of the Interior	6,108	5,391	0	0	717	0	0	0	0
Department of Transportation	3,878	0	0	0	0	0	3,878	0	0
Environmental Protection Agency	155	0	0	0	155	0	0	0	0
National Aeronautics and Space Admin	491	0	0	0	491	0	0	0	0
National Science Foundation	5,358	0	0	0	5,358	0	0	0	0
Outlying areas, total	246,949	75,423	133.626	0	29,767	7,347	261	0	525
Department of Agriculture	12,409	4,529	40	0	7,772	0	68	0	0
Department of Commerce	185	0	0	0	185	0	0	0	0
Department of Defense, research 2/	641	0	0	0	641	0	0	0	0
Dept of Defense, development 2/	201,922	68,407	133,515	0	0	0	0	0	0
Department of Energy	39	0	0	0	39	0	0	0	0
Department of Health & Human Svcs	16,714	0	0	0	16,096	0	193	0	425
Department of the Interior	2,892	2,487	0	0	405	0	0	0	0
Environmental Protection Agency	231	0	0	0	131	0	0	0	100
National Aeronautics and Space Admin	437	0	0	0	437	0	0	0	0
National Science Foundation	11,479	0	71	0	4,061	7,347	0	0	0
Offices abroad, total	24,388	18,646	3,640	0	288	0	1,814	0	0
Department of Agriculture	4,611	4,611	0	0	0	0	0	0	0
Department of Commerce	35	0	35	0	0	0	0	0	0
Department of Defense, research 2/	947	947	0	0	0	0	0	0	0
Dept of Defense, development 2/	16,643	13,038	3,605	0	0	0	0	0	0
Department of Energy	50	50	0	0	0	0	0	0	0
Department of the Interior	102	0	0	0	102	0	0	0	0
Environmental Protection Agency	2,000	0	0	0	186	0	1,814	0	0

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ Beginning with Volume XL, Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at off-campus, university-affiliated laboratories that are not involved in teaching.

NOTE: Only the following 10 agencies are required to report to this section of the survey: the Departments of Agriculture, Commerce, Defense, Energy, Interior, Transportation, and Health and Human Services; the Environmental Protection Agency; the National Aeronautics and Space Administration; and the National Science Foundation. The obligations of the 10 major R&D supporting agencies included in this table represent approximately 98 percent of total Federal R&D and R&D plant obligations in fiscal year 1992.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-137. Federal obligations for R&D plant, by State and category of performer supported: fiscal year 1992

[Dollars in thousands]

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State	Total	Intra-mural 1/	Extramural						
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other nonprofit institu-tions	FFRDCs admin by nonprofit institu-tions	State and local govts
Total	2,962,860	493,358	1,014,439	202,223	232,660	579,492	393,925	46,271	492
Alabama	346,077	10,292	334,866	0	919	0	0	0	0
Alaska	772	52	500	0	220	0	0	0	0
Arizona	7,856	1,040	63	0	6,753	0	0	0	0
Arkansas	4,434	743	0	0	3,691	0	0	0	0
California	356,136	33,856	134,512	2,722	15,694	168,451	901	0	0
Colorado	55,605	3,743	26,525	0	939	7,156	0	17,242	0
Connecticut	2,620	217	319	0	1,684	0	0	0	400
Delaware	115	73	42	0	0	0	0	0	0
District of Columbia	17,793	5,060	505	0	214	0	12,014	0	0
Florida	143,089	12,306	110,261	0	20,431	0	91	0	0
Georgia	6,390	1,672	9	0	4,709	0	0	0	0
Hawaii	6,451	745	600	0	5,106	0	0	0	0
Idaho	39,649	1,080	0	28,520	150	9,899	0	0	0
Illinois	183,932	3,587	72	0	12,075	168,119	79	0	0
Indiana	8,402	76	788	0	7,538	0	0	0	0
Iowa	5,220	1,850	0	0	309	3,061	0	0	0
Kansas	2,461	488	300	0	1,673	0	0	0	0
Louisiana	26,165	12,130	13,693	0	342	0	0	0	0
Maine	1,510	0	0	0	1,510	0	0	0	0
Maryland	229,691	155,373	64,337	0	9,981	0	0	0	0
Massachusetts	20,154	6,427	1,272	0	12,455	0	0	0	0
Michigan	9,101	394	223	0	8,437	0	47	0	0
Minnesota	2,532	583	987	0	962	0	0	0	0
Mississippi	41,611	8,587	31,521	0	1,503	0	0	0	0
Missouri	1,727	106	214	0	1,202	0	205	0	0
Montana	2,697	571	0	0	1,976	0	150	0	0
Nebraska	5,662	954	0	0	4,708	0	0	0	0
Nevada	59,664	0	57,665	0	1,999	0	0	0	0
New Hampshire	4,000	4,000	0	0	0	0	0	0	0
New Jersey	38,989	24,800	1,775	0	4,994	7,420	0	0	0
New Mexico	164,650	9,433	12,478	75,485	229	65,645	300	1,080	0
New York	194,450	14,401	30	55,073	32,037	91,507	1,310	0	92
North Carolina	6,814	821	1,778	0	3,857	0	358	0	0
North Dakota	7,419	830	0	0	6,589	0	0	0	0
Ohio	122,174	66,333	52,722	0	3,047	0	72	0	0
Oklahoma	4,127	2,291	1,432	0	404	0	0	0	0
Oregon	1,829	626	0	0	1,103	0	100	0	0
Pennsylvania	52,017	4,364	10,946	13,325	23,192	0	190	0	0
Rhode Island	1,946	0	0	0	1,946	0	0	0	0
South Carolina	4,109	636	1,000	2,261	212	0	0	0	0
South Dakota	1,530	60	0	0	1,470	0	0	0	0
Tennessee	48,134	14,566	6,598	24,837	2,002	131	0	0	0
Texas	465,746	22,619	60,148	0	7,149	0	375,830	0	0
Utah	1,453	254	3	0	1,196	0	0	0	0
Virginia	172,382	51,005	65,962	0	1,715	53,700	0	0	0
Washington	54,338	7,430	15,686	0	2,970	0	303	27,949	0
West Virginia	9,689	2,572	3,942	0	1,200	0	1,975	0	0
Wisconsin	10,169	598	65	0	9,506	0	0	0	0
Wyoming	1,818	1,156	0	0	662	0	0	0	0
Outlying areas	6,949	1,946	600	0	0	4,403	0	0	0
Offices abroad	612	612	0	0	0	0	0	0	0

1/ Federal installations

NOTE: Only the following 10 agencies are required to report to this section of the survey: the Departments of Agriculture, Commerce, Defense, Energy, Interior, Transportation, and Health and Human Services; the Environmental Protection Agency; the National Aeronautics and Space Administration; and the National Science Foundation. The obligations of the 10 major R&D supporting agencies included in this table represent approximately 98 percent of total Federal R&D and R&D plant obligations in fiscal year 1992.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-138. Federal obligations for R&D plant, by State and agency: fiscal year 1992

[Dollars in thousands]

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State	Total	Dept of Agriculture	Dept of Commerce	Dept of Defense	Dept of Energy	Dept of Health & Human Services	Dept of the Interior	Dept of Transportation	EPA	NASA	National Science Foundation
Total	2,962,860	164,721	21,045	396,507	1,320,787	96,741	18,425	25,269	0	817,795	101,570
Alabama	346,077	89	0	27,028	85	204	0	0	0	318,041	630
Alaska	772	0	500	0	0	0	52	0	0	0	220
Arizona	7,856	437	63	700	43	0	0	0	0	0	6,613
Arkansas	4,434	4,429	0	0	5	0	0	0	0	0	0
California	356,136	13,324	700	68,160	174,717	1,286	0	149	0	85,393	12,407
Colorado	55,605	1,127	4,527	21,800	17,389	54	217	77	0	0	10,414
Connecticut	2,620	132	0	85	1,035	649	0	400	0	319	0
Delaware	115	73	42	0	0	0	0	0	0	0	0
District of Columbia	17,793	3,557	5	499	17	228	0	0	0	487	13,000
Florida	143,089	1,423	1,500	29,611	117	91	0	149	0	108,848	1,350
Georgia	6,390	4,156	0	0	0	0	0	0	0	9	2,225
Hawaii	6,451	3,915	600	0	1,379	0	0	0	0	557	0
Idaho	39,649	1,080	0	0	38,419	125	0	25	0	0	0
Illinois	183,932	6,096	0	0	168,658	694	0	149	0	75	8,260
Indiana	8,402	2,744	0	0	1,898	0	0	0	0	788	2,972
Iowa	5,220	1,640	0	210	3,101	269	0	0	0	0	0
Kansas	2,461	2,011	0	0	300	0	0	0	0	0	150
Louisiana	26,165	10,428	0	5	50	325	1,372	0	0	13,693	292
Maine	1,510	146	0	0	0	0	0	0	0	0	1,364
Maryland	229,691	21,647	9,457	41,688	5,686	87,696	2,767	0	0	60,600	150
Massachusetts	20,154	376	600	3,290	9,240	560	0	0	0	3,433	2,655
Michigan	9,101	5,258	0	0	1,361	47	60	0	0	223	2,152
Minnesota	2,532	583	0	0	0	64	0	149	0	987	749
Mississippi	41,611	8,587	100	0	11	80	0	0	0	31,421	1,412
Missouri	1,727	225	0	0	0	731	22	0	0	214	535
Montana	2,697	1,601	0	0	0	150	0	0	0	0	946
Nebraska	5,662	5,319	0	0	0	0	0	0	0	0	343
Nevada	59,664	243	0	100	58,878	75	0	0	0	0	368
New Hampshire	4,000	0	0	4,000	0	0	0	0	0	0	0
New Jersey	38,989	2,953	775	800	8,113	128	1,000	24,022	0	0	1,198
New Mexico	164,650	144	0	9,289	142,510	0	0	0	0	12,478	229
New York	194,450	15,556	30	0	168,499	241	0	149	0	0	9,975
North Carolina	6,814	3,554	226	0	445	802	0	0	0	146	1,641
North Dakota	7,419	5,807	0	0	1,481	0	0	0	0	0	131
Ohio	122,174	40	46	67,762	806	741	0	0	0	50,926	1,853
Oklahoma	4,127	2,430	0	0	1,502	186	0	0	0	9	0
Oregon	1,829	818	0	0	20	140	18	0	0	0	833
Pennsylvania	52,017	3,968	0	15,000	18,114	190	0	0	0	7,715	7,030
Rhode Island	1,946	485	0	0	1,140	0	0	0	0	0	321
South Carolina	4,109	636	1,000	0	2,286	0	0	0	0	0	187
South Dakota	1,530	1,530	0	0	0	0	0	0	0	0	0
Tennessee	48,134	1,310	0	14,535	26,312	119	0	0	0	5,300	558
Texas	465,746	10,402	0	38,202	376,851	178	0	0	0	37,907	2,206
Utah	1,453	995	0	0	0	0	0	0	0	3	455
Virginia	172,382	993	174	50,731	53,819	250	4,325	0	0	61,734	356
Washington	54,338	2,902	700	0	28,368	438	6,384	0	0	15,186	360
West Virginia	9,689	463	0	0	6,037	0	1,741	0	0	998	450
Wisconsin	10,169	7,302	0	0	2,095	0	467	0	0	305	0
Wyoming	1,818	1,641	0	0	0	0	0	0	0	0	177
Outlying areas	6,949	146	0	2,400	0	0	0	0	0	0	4,403
Offices abroad	612	0	0	612	0	0	0	0	0	0	0

NOTE: Only the following 10 agencies are required to report to this section of the survey: the Departments of Agriculture, Commerce, Defense, Energy, Interior, Transportation, and Health and Human Services; the Environmental Protection Agency; the National Aeronautics and Space Administration; and the National Science Foundation. The obligations of the 10 major R&D supporting agencies included in this table represent approximately 98 percent of total Federal R&D and R&D plant obligations in fiscal year 1992.

KEY:
EPA = Environmental Protection Agency
NASA = National Aeronautics & Space Administration

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-139. Federal obligations for total research and development to intramural performers for personnel costs, by agency: fiscal years 1992, 1993, and 1994

[In thousands of dollars and percentages]

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Agency and subdivision	1992			Estimates					
				1993			1994		
	Total	Personnel costs	Percentage of total	Total	Personnel costs	Percentage of total	Total	Personnel costs	Percentage of total
Total, all agencies	$15,690,076	$6,819,048	43.46	$17,199,438	$7,410,967	43.09	$17,542,393	$7,336,482	41.82
Departments:									
Department of Agriculture, total	862,178	512,129	59.40	868,328	540,030	62.19	900,713	557,413	61.89
Agricultural Cooperative Service	3,110	2,411	77.52	3,018	2,113	70.01	3,576	2,503	69.99
Agricultural Marketing Service 1/	4,576	2,122	46.37	4,863	2,447	50.32	4,898	2,577	52.61
Agricultural Research Service	595,223	326,777	54.90	595,458	345,366	58.00	609,293	360,092	59.10
Animal & Plant Health Inspection Service	16,469	13,175	80.00	16,430	13,144	80.00	16,325	13,060	80.00
Cooperative State Research Svc	20,726	10,696	51.61	20,746	11,577	55.80	20,931	11,944	57.06
Economic Research Service	56,654	42,734	75.43	58,125	43,920	75.56	50,661	42,881	84.64
Federal Grain Inspection Service	1,178	115	9.76	1,141	952	83.44	1,000	800	80.00
Forest Service	151,080	106,453	70.46	156,432	111,970	71.58	180,321	114,864	63.70
Human Nutrition Information Svc	8,552	4,160	48.64	7,321	4,967	67.85	8,805	5,072	57.60
Nat'l Agricultural Statistics Svc	3,451	2,327	67.43	3,409	2,415	70.84	3,485	2,437	69.93
Office of International Cooperation & Development	1,159	1,159	100.00	1,385	1,159	83.68	1,418	1,183	83.43
Department of Commerce, total	512,346	286,767	55.97	559,668	298,525	53.34	653,912	355,253	54.33
Bureau of the Census	4,687	3,375	72.01	5,107	3,677	72.00	5,244	3,776	72.01
Economic Development Admin	196	100	51.02	0	0	0	196	100	51.02
National Institute of Standards & Technology	133,196	91,679	68.83	174,961	105,584	60.35	244,270	107,918	44.18
National Oceanic & Atmospheric Administration	370,306	187,652	50.67	375,496	185,160	49.31	398,977	238,234	59.71
National Telecommunications & Information Administration	3,961	3,961	100.00	4,104	4,104	100.00	5,225	5,225	100.00
Department of Defense, total	8,601,344	3,186,456	37.05	9,377,947	3,466,917	36.97	9,165,913	3,221,572	35.15
Department of the Army	2,715,689	1,425,031	52.47	2,878,495	1,561,607	54.25	2,596,706	1,416,938	54.57
Department of the Navy	3,065,729	1,193,808	38.94	3,105,466	1,215,502	39.14	3,019,593	1,169,053	38.72
Department of the Air Force	1,115,824	301,743	27.04	1,116,919	310,905	27.84	1,099,705	324,163	29.48
Defense agencies	1,603,043	262,621	16.38	2,175,538	375,558	17.26	2,341,897	307,867	13.15
Operational Test & Evaluation, Director	1,266	259	20.46	700	320	45.71	975	340	34.87
Test & Evaluation, Deputy Under Secretary Defense	99,793	2,994	3.00	100,829	3,025	3.00	107,037	3,211	3.00
Department of Education	10,991	9,373	85.28	11,135	9,747	87.53	10,929	9,042	82.73
Department of Energy	335,514	79,057	23.56	442,556	89,124	20.14	499,595	101,607	20.34
Dept of Health & Human Svcs, total	1,783,037	808,195	45.33	2,072,857	960,046	46.32	2,213,332	984,612	44.49
Administration on Aging 2/	780	537	68.85	767	564	73.53	854	577	67.56
Admin for Children & Families 2/ 3/	1,164	973	83.59	495	416	84.04	463	386	83.37
Agency for Health Care Policy & Research 4/	26,231	11,915	45.42	31,041	14,642	47.17	39,528	14,800	37.44
Centers for Disease Control	74,659	59,751	80.03	73,968	59,174	80.00	104,034	83,227	80.00
Food & Drug Administration	121,893	98,621	80.91	125,094	100,075	80.00	135,795	108,876	80.18
Health Care Financing Admin	101	10	9.90	831	10	1.20	750	10	1.33
Health Resources & Svcs Admin	2,961	2,268	76.60	3,385	2,369	69.99	3,728	2,449	65.69
National Institutes of Health 5/	1,527,749	611,731	40.04	1,810,076	756,396	41.79	1,907,680	759,287	39.80
Office of the Assistant Secretary for Health	6,034	1,172	19.42	100	100	100.00	6,100	1,300	21.31
Office of the Secretary	870	622	71.49	1,500	700	46.67	3,000	2,300	76.67
Social Security Administration	20,595	20,595	100.00	25,600	25,600	100.00	11,400	11,400	100.00

See explanatory information, if any, and SOURCE at end of table.

Table C-139. Federal obligations for total research and development to intramural performers for personnel costs, by agency: fiscal years 1992, 1993, and 1994

[In thousands of dollars and percentages]

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Agency and subdivision	1992			Estimates					
				1993			1994		
	Total	Personnel costs	Percentage of total	Total	Personnel costs	Percentage of total	Total	Personnel costs	Percentage of total
Department of Housing & Urban Dvlpmt	$16,168	$11,700	72.37	$15,911	$12,200	76.68	$20,837	$16,200	77.75
Department of the Interior, total	513,244	331,480	64.59	516,178	335,914	65.08	517,146	341,852	66.10
Bureau of Land Management	3,633	1,400	38.54	5,264	1,550	29.45	4,279	1,550	36.22
Bureau of Mines	79,200	61,004	77.03	80,554	62,865	78.04	67,580	56,205	83.17
Bureau of Reclamation	12,060	9,063	75.15	8,980	4,198	46.75	7,080	3,940	55.65
Geological Survey	319,927	185,558	58.00	321,097	192,659	60.00	332,149	189,325	57.00
Minerals Management Service	1,698	623	36.69	1,807	758	41.95	1,833	767	41.84
National Park Service	19,000	4,600	24.21	21,750	5,400	24.83	5,200	1,200	23.08
Office of the Secretary	125	80	64.00	125	80	64.00	125	80	64.00
Office of Surface Mining Reclamation & Enforcement	1	1	100.00	1	1	100.00	0	0	0
US Fish & Wildlife Service	77,600	69,151	89.11	76,600	68,403	89.30	98,900	88,785	89.77
Department of Justice, total	15,701	6,777	43.16	14,205	6,369	44.84	14,556	6,386	43.87
Bureau of Prisons 6/	2,650	2,000	75.47	2,520	1,900	75.40	2,500	1,850	74.00
Drug Enforcement Administration	390	390	100.00	30	30	100.00	50	50	100.00
Federal Bureau of Investigation	10,925	4,325	39.59	10,670	4,370	40.96	10,716	4,416	41.21
Immigration & Naturalization Svc	40	40	100.00	40	40	100.00	40	40	100.00
Office of Justice Programs	1,696	22	1.30	945	29	3.07	1,250	30	2.40
Department of Labor, total	14,066	5,165	36.72	13,181	5,442	41.29	14,027	5,758	41.05
Bureau of Labor Statistics	7,600	59	.78	6,900	61	.88	7,000	61	.87
Employment & Training Admin	2,453	1,425	58.09	1,592	1,462	91.83	1,592	1,462	91.83
Occupational Safety & Health Administration	1,145	1,145	100.00	1,239	1,239	100.00	1,267	1,267	100.00
Office of the Secretary	1,944	1,771	91.10	2,545	1,818	71.43	3,029	1,829	60.38
Pension Benefit Guaranty Corp	274	115	41.97	225	182	80.89	459	459	100.00
Pension & Welfare Benefit Admin	650	650	100.00	680	680	100.00	680	680	100.00
Department of State	373	373	100.00	387	387	100.00	402	402	100.00
Department of Transportation, total	247,252	76,404	30.90	286,736	81,933	28.57	252,666	82,351	32.59
Coast Guard	14,241	6,893	48.40	25,145	7,148	28.43	17,458	6,778	38.82
Federal Aviation Administration	189,135	57,029	30.15	198,201	60,379	30.46	179,900	61,747	34.32
Federal Highway Administration	12,950	2,696	20.82	26,670	3,932	14.74	17,283	3,457	20.00
Federal Railroad Administration	12,016	1,552	12.92	13,561	1,762	12.99	17,816	2,316	13.00
Federal Transit Administration 7/	900	270	30.00	1,000	300	30.00	1,000	300	30.00
Maritime Administration	1,086	701	64.55	984	734	74.59	941	741	78.75
National Highway Traffic Safety Administration	12,227	4,370	35.74	15,189	5,375	35.39	12,739	4,586	36.00
Office of the Secretary	2,896	2,598	89.71	4,255	2,020	47.47	3,308	2,063	62.36
Research & Special Programs Administration	1,801	295	16.38	1,731	283	16.35	2,221	363	16.34
Department of the Treasury, total	16,349	12,216	74.72	10,322	5,266	51.02	17,908	10,546	58.89
Bureau of Engraving & Printing	1,905	52	2.73	3,519	13	.37	4,858	14	.29
Financial Crimes Enforcement Network	1,203	464	38.57	1,519	615	40.49	1,884	647	34.34
Internal Revenue Service 8/	11,947	10,622	88.91	3,893	3,461	88.90	9,565	8,504	88.91
Office of Thrift Supervision 9/	815	599	73.50	829	615	74.19	854	634	74.24
United States Customs Service	250	250	100.00	250	250	100.00	300	300	100.00
United States Mint	0	0	0	68	68	100.00	150	150	100.00
United States Secret Service 10/	229	229	100.00	244	244	100.00	297	297	100.00
Department of Veterans Affairs	221,409	147,273	66.52	240,150	159,939	66.60	203,450	135,497	66.60

See explanatory information, if any, and SOURCE at end of table.

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Table C-139. Federal obligations for total research and development to intramural performers for personnel costs, by agency: fiscal years 1992, 1993, and 1994

[In thousands of dollars and percentages]

Page 3 of 3

Agency and subdivision	1992			Estimates					
				1993			1994		
	Total	Personnel costs	Percentage of total	Total	Personnel costs	Percentage of total	Total	Personnel costs	Percentage of total
Other agencies:									
Advisory Commission on Intergovernmental Relations	$1,730	$785	45.38	$2,483	$876	35.28	$1,939	$985	50.80
Agency for International Dvlpmt	10,458	7,844	75.00	10,544	828	7.85	8,637	6,476	74.98
Appalachian Regional Commission	35	35	100.00	350	350	100.00	100	100	100.00
Consumer Product Safety Commission	1,060	460	43.40	1,145	540	47.16	255	220	86.27
Environmental Protection Agency	87,625	78,700	89.81	112,600	107,500	95.47	134,900	127,500	94.51
Federal Communications Commission	1,648	1,648	100.00	1,838	1,838	100.00	1,745	1,745	100.00
Federal Trade Commission	1,285	1,131	88.02	848	746	87.97	876	771	88.01
Library of Congress	10,255	9,966	97.18	10,199	9,582	93.95	10,230	10,223	99.93
National Aeronautics & Space Admin	2,210,336	1,121,073	50.72	2,397,136	1,185,861	49.47	2,652,710	1,226,746	46.25
National Archives & Records Admin	685	240	35.04	320	151	47.19	310	151	48.71
National Science Foundation	10,910	7,637	70.00	15,902	11,131	70.00	16,578	11,605	70.00
Nuclear Regulatory Commission	22,225	18,806	84.62	22,542	19,328	85.74	22,117	19,317	87.34
Smithsonian Institution	97,999	63,700	65.00	99,999	65,000	65.00	100,900	65,585	65.00
Tennessee Valley Authority	71,283	26,571	37.28	80,038	28,042	35.04	90,563	28,215	31.16
US Arms Control & Disarmament Agency	290	150	51.72	200	125	62.50	200	125	62.50
United States Information Agency	0	0	0	1,200	20	1.67	656	10	1.52
US International Trade Commission	12,280	6,937	56.49	12,533	7,210	57.53	14,291	8,217	57.50

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

6/ Formerly listed as Federal Prison System

7/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

8/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

9/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

10/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-140. Federal obligations for total basic research to intramural performers for personnel costs, by agency: fiscal years 1992, 1993, and 1994

[In thousands of dollars and percentages]

Page 1 of 2

Agency and subdivision	1992			Estimates					
				1993			1994		
	Total	Personnel costs	Per-centage of total	Total	Personnel costs	Per-centage of total	Total	Personnel costs	Per-centage of total
Total, all agencies	$2,397,031	$1,236,195	51.57	$2,677,078	$1,379,906	51.55	$2,812,006	$1,401,912	49.85
Departments:									
Department of Agriculture, total	386,065	223,169	57.81	388,128	235,360	60.64	405,823	245,750	60.56
Agricultural Research Service	309,515	169,924	54.90	309,638	179,590	58.00	318,743	188,377	59.10
Cooperative State Research Svc	9,763	4,845	49.63	9,772	5,244	53.66	10,481	5,876	56.06
Economic Research Service	7,931	5,983	75.44	8,138	6,149	75.56	7,093	6,003	84.63
Forest Service	56,613	40,590	71.70	58,280	42,521	72.96	67,157	43,608	64.93
Nat'l Agricultural Statistics Svc	1,181	765	64.78	1,181	794	67.23	1,206	802	66.50
Office of International Cooperation & Development	1,062	1,062	100.00	1,119	1,062	94.91	1,143	1,084	94.84
Department of Commerce, total	30,930	21,282	68.81	34,217	24,504	71.61	37,277	25,047	67.19
Bureau of the Census	286	206	72.03	322	232	72.05	330	238	72.12
National Institute of Standards & Technology	30,644	21,076	68.78	33,895	24,272	71.61	36,947	24,809	67.15
Department of Defense, total	302,525	126,888	41.94	326,242	128,319	39.33	346,601	129,311	37.31
Department of the Army	113,135	60,712	53.66	123,115	59,520	48.35	106,749	58,526	54.83
Department of the Navy	129,057	56,682	43.92	129,973	57,084	43.92	140,744	61,815	43.92
Department of the Air Force	54,964	7,349	13.37	64,957	7,488	11.53	65,595	7,847	11.96
Defense agencies	5,369	2,145	39.95	8,197	4,227	51.57	33,513	1,123	3.35
Department of Education	457	403	88.18	413	377	91.28	752	684	90.96
Department of Energy	35,592	24,776	69.61	37,622	28,372	75.41	36,288	36,287	100.00
Dept of Health & Human Svcs, total	847,819	369,271	43.56	1,012,643	456,404	45.07	1,069,707	458,175	42.83
Health Resources & Svcs Admin	1,295	1,009	77.92	1,274	1,054	82.73	1,246	1,084	87.00
National Institutes of Health 1/	846,524	368,262	43.50	1,011,369	455,350	45.02	1,068,461	457,091	42.78
Department of the Interior, total	196,119	120,892	61.64	193,218	121,937	63.11	189,158	115,779	61.21
Bureau of Land Management	50	50	100.00	50	50	100.00	50	50	100.00
Bureau of Mines	29,424	22,781	77.42	26,103	20,388	78.11	21,035	18,228	86.66
Geological Survey	163,296	94,712	58.00	163,916	98,350	60.00	164,121	93,549	57.00
US Fish & Wildlife Service	3,349	3,349	100.00	3,149	3,149	100.00	3,952	3,952	100.00

See explanatory information, if any, and SOURCE at end of table.

Table C-140. Federal obligations for total basic research to intramural performers for personnel costs, by agency: fiscal years 1992, 1993, and 1994

[In thousands of dollars and percentages]

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Agency and subdivision	1992			Estimates					
				1993			1994		
	Total	Personnel costs	Percentage of total	Total	Personnel costs	Percentage of total	Total	Personnel costs	Percentage of total
Department of Justice, total	$1,584	$2	0.13	$620	$4	0.65	$700	$4	0.57
Office of Justice Programs	1,584	2	.13	620	4	.65	700	4	.57
Department of Labor, total	49	30	61.22	40	40	100.00	44	44	100.00
Employment & Training Admin	25	25	100.00	20	20	100.00	20	20	100.00
Pension Benefit Guaranty Corp	24	5	20.83	20	20	100.00	24	24	100.00
Department of State	85	85	100.00	88	88	100.00	91	91	100.00
Department of Transportation, total	1	1	100.00	1	1	100.00	1	1	100.00
Federal Highway Administration	1	1	100.00	1	1	100.00	1	1	100.00
Department of the Treasury, total	2,390	2,125	88.91	3,893	3,461	88.90	9,565	8,504	88.91
Internal Revenue Service 2/	2,390	2,125	88.91	3,893	3,461	88.90	9,565	8,504	88.91
Department of Veterans Affairs	15,700	10,456	66.60	14,200	9,457	66.60	11,900	7,925	66.60
Other agencies:									
Agency for International Dvlpmt	1	1	100.00	1	1	100.00	1	1	100.00
Environmental Protection Agency	11,340	9,800	86.42	12,200	11,500	94.26	19,500	17,000	87.18
Library of Congress	354	299	84.46	489	484	98.98	501	501	100.00
National Aeronautics & Space Admin	455,148	254,468	55.91	535,714	282,677	52.77	565,181	278,902	49.35
National Archives & Records Admin	495	50	10.10	150	1	.67	150	1	.67
National Science Foundation	10,302	7,209	69.98	15,184	10,630	70.01	15,786	11,048	69.99
Smithsonian Institution	97,999	63,700	65.00	99,999	65,000	65.00	100,900	65,585	65.00
Tennessee Valley Authority	2,076	1,288	62.04	2,016	1,289	63.94	2,080	1,272	61.15

1/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

2/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-141. Federal obligations for total applied research to intramural performers for personnel costs, by agency: fiscal years 1992, 1993, and 1994

[In thousands of dollars and percentages]

Agency and subdivision	1992			Estimates					
				1993			1994		
	Total	Personnel costs	Percentage of total	Total	Personnel costs	Percentage of total	Total	Personnel costs	Percentage of total
Total, all agencies	$4,218,686	$2,308,825	54.73	$4,724,117	$2,531,702	53.59	$4,892,077	$2,523,398	51.58
Departments:									
Department of Agriculture, total	412,476	249,659	60.53	415,968	263,632	63.38	429,378	269,828	62.84
Agricultural Cooperative Service	3,110	2,411	77.52	3,018	2,113	70.01	3,576	2,503	69.99
Agricultural Marketing Service 1/	3,974	1,757	44.21	4,244	2,028	47.79	4,272	2,135	49.98
Agricultural Research Service	244,042	133,979	54.90	244,137	141,600	58.00	248,389	146,798	59.10
Cooperative State Research Svc	10,963	5,851	53.37	10,974	6,333	57.71	10,450	6,068	58.07
Economic Research Service	48,723	36,751	75.43	49,987	37,771	75.56	43,568	36,878	84.64
Federal Grain Inspection Service	1,178	115	9.76	1,141	952	83.44	1,000	800	80.00
Forest Service	89,567	62,976	70.31	92,652	66,150	71.40	106,764	67,840	63.54
Human Nutrition Information Svc	8,552	4,160	48.64	7,321	4,967	67.85	8,805	5,072	57.60
Nat'l Agricultural Statistics Svc	2,270	1,562	68.81	2,228	1,621	72.76	2,279	1,635	71.74
Office of International Cooperation & Development	97	97	100.00	266	97	36.47	275	99	36.00
Department of Commerce, total	450,217	243,570	54.10	466,386	247,548	53.08	529,511	303,758	57.37
Bureau of the Census	2,437	1,755	72.01	2,710	1,951	71.99	2,771	1,995	72.00
Economic Development Admin	196	100	51.02	0	0	0	196	100	51.02
National Institute of Standards & Technology	92,307	63,227	68.50	110,004	72,817	66.19	145,813	74,426	51.04
National Oceanic & Atmospheric Administration	351,316	174,527	49.68	349,568	168,676	48.25	375,506	222,012	59.12
National Telecommunications & Information Administration	3,961	3,961	100.00	4,104	4,104	100.00	5,225	5,225	100.00
Department of Defense, total	1,207,570	761,438	63.06	1,438,809	869,593	60.44	1,168,229	703,675	60.23
Department of the Army	479,990	306,510	63.86	552,528	387,584	70.15	407,333	283,703	69.65
Department of the Navy	274,106	158,899	57.97	307,215	178,093	57.97	233,390	135,296	57.97
Department of the Air Force	253,775	218,019	85.91	350,531	223,880	63.87	339,329	234,573	69.13
Defense agencies	199,699	78,010	39.06	228,535	80,036	35.02	188,177	50,103	26.63
Department of Education	7,923	6,687	84.40	8,143	7,072	86.85	7,801	6,339	81.26
Department of Energy	100,448	15,236	15.17	150,485	19,488	12.95	185,673	21,486	11.57
Dept of Health & Human Svcs, total	715,053	356,467	49.85	801,523	403,103	50.29	872,747	425,564	48.76
Administration on Aging 2/	156	107	68.59	153	113	73.86	171	115	67.25
Admin for Children & Families 2/ 3/	1,114	923	82.85	462	383	82.90	452	375	82.96
Agency for Health Care Policy & Research 4/	17,725	3,409	19.23	21,854	5,455	24.96	30,342	5,614	18.50
Centers for Disease Control	74,659	59,751	80.03	73,968	59,174	80.00	104,034	83,227	80.00
Food & Drug Administration	121,893	98,621	80.91	125,094	100,075	80.00	135,795	108,876	80.18
Health Care Financing Admin	101	10	9.90	831	10	1.20	750	10	1.33
Health Resources & Svcs Admin	1,666	1,259	75.57	2,111	1,315	62.29	2,482	1,365	55.00
National Institutes of Health 5/	470,303	170,061	36.16	549,950	210,278	38.24	578,321	211,082	36.50
Office of the Assistant Secretary for Health	5,971	1,109	18.57	0	0	0	6,000	1,200	20.00
Office of the Secretary	870	622	71.49	1,500	700	46.67	3,000	2,300	76.67
Social Security Administration	20,595	20,595	100.00	25,600	25,600	100.00	11,400	11,400	100.00

See explanatory information, if any, and SOURCE at end of table.

Table C-141. Federal obligations for total applied research to intramural performers for personnel costs, by agency: fiscal years 1992, 1993, and 1994

[In thousands of dollars and percentages]

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Agency and subdivision	1992			Estimates					
				1993			1994		
	Total	Personnel costs	Percentage of total	Total	Personnel costs	Percentage of total	Total	Personnel costs	Percentage of total
Department of Housing & Urban Dvlpmt	$6,641	$4,700	70.77	$6,292	$4,900	77.88	$9,931	$7,800	78.54
Department of the Interior, total	292,769	190,673	65.13	295,879	191,227	64.63	295,455	196,861	66.63
Bureau of Land Management	3,403	1,250	36.73	4,714	1,300	27.58	3,729	1,300	34.86
Bureau of Mines	46,375	35,625	76.82	48,690	37,935	77.91	41,642	33,916	81.45
Bureau of Reclamation	10,160	8,638	85.02	6,735	3,300	49.00	6,200	3,720	60.00
Geological Survey	151,731	88,004	58.00	153,581	92,149	60.00	164,553	93,795	57.00
Minerals Management Service	1,698	623	36.69	1,807	758	41.95	1,833	767	41.84
National Park Service	19,000	4,600	24.21	21,750	5,400	24.83	5,200	1,200	23.08
Office of the Secretary	50	30	60.00	50	30	60.00	50	30	60.00
Office of Surface Mining Reclamation & Enforcement	1	1	100.00	1	1	100.00	0	0	0
US Fish & Wildlife Service	60,351	51,902	86.00	58,551	50,354	86.00	72,248	62,133	86.00
Department of Justice, total	2,222	1,655	74.48	2,025	1,553	76.69	2,290	1,553	67.82
Bureau of Prisons 6/	1,975	1,500	75.95	1,960	1,500	76.53	2,000	1,500	75.00
Drug Enforcement Administration	100	100	100.00	0	0	0	0	0	0
Immigration & Naturalization Svc	40	40	100.00	40	40	100.00	40	40	100.00
Office of Justice Programs	107	15	14.02	25	13	52.00	250	13	5.20
Department of Labor, total	12,384	4,160	33.59	11,249	4,268	37.94	12,069	4,515	37.41
Bureau of Labor Statistics	7,600	59	.78	6,900	61	.88	7,000	61	.87
Employment & Training Admin	1,178	600	50.93	597	482	80.74	597	482	80.74
Occupational Safety & Health Administration	1,145	1,145	100.00	1,239	1,239	100.00	1,267	1,267	100.00
Office of the Secretary	1,661	1,656	99.70	1,733	1,706	98.44	2,215	1,715	77.43
Pension Benefit Guaranty Corp	150	50	33.33	100	100	100.00	310	310	100.00
Pension & Welfare Benefit Admin	650	650	100.00	680	680	100.00	680	680	100.00
Department of State	288	288	100.00	299	299	100.00	311	311	100.00
Department of Transportation, total	52,228	15,824	30.30	105,643	29,177	27.62	82,988	27,416	33.04
Coast Guard	3,418	2,703	79.08	6,035	2,788	46.20	4,190	2,644	63.10
Federal Aviation Administration	14,046	4,220	30.04	57,670	15,759	27.33	47,569	16,301	34.27
Federal Highway Administration	10,706	2,317	21.64	14,015	2,807	20.03	9,715	1,943	20.00
Federal Railroad Administration	9,613	1,250	13.00	10,449	1,358	13.00	6,653	865	13.00
Federal Transit Administration 7/	0	0	0	500	150	30.00	500	150	30.00
Maritime Administration	1,086	701	64.55	984	734	74.59	941	741	78.75
National Highway Traffic Safety Administration	12,227	4,370	35.74	15,189	5,375	35.39	12,739	4,586	36.00
Office of the Secretary	123	98	79.67	138	98	71.01	137	97	70.80
Research & Special Programs Administration	1,009	165	16.35	663	108	16.29	544	89	16.36
Department of the Treasury, total	12,144	9,261	76.26	4,692	972	20.72	6,159	1,095	17.78
Bureau of Engraving & Printing	1,681	48	2.86	3,519	13	.37	4,858	14	.29
Internal Revenue Service 8/	9,319	8,285	88.90	0	0	0	0	0	0
Office of Thrift Supervision 9/	815	599	73.50	829	615	74.19	854	634	74.24
United States Customs Service	100	100	100.00	100	100	100.00	150	150	100.00
United States Secret Service 10/	229	229	100.00	244	244	100.00	297	297	100.00
Department of Veterans Affairs	184,459	122,665	66.50	189,400	126,140	66.60	161,000	107,226	66.60

See explanatory information, if any, and SOURCE at end of table.

Table C-141. Federal obligations for total applied research to intramural performers for personnel costs, by agency: fiscal years 1992, 1993, and 1994

[In thousands of dollars and percentages]

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Agency and subdivision	1992			Estimates					
				1993			1994		
	Total	Personnel costs	Percentage of total	Total	Personnel costs	Percentage of total	Total	Personnel costs	Percentage of total
Other agencies:									
Advisory Commission on Intergovernmental Relations	$1,730	$785	45.38	$2,483	$876	35.28	$1,939	$985	50.80
Agency for International Dvlpmt	10,285	7,714	75.00	10,492	789	7.52	8,603	6,452	75.00
Appalachian Regional Commission	35	35	100.00	350	350	100.00	100	100	100.00
Consumer Product Safety Commission	760	160	21.05	830	225	27.11	135	100	74.07
Environmental Protection Agency	65,237	60,400	92.59	91,000	87,300	95.93	107,400	104,000	96.83
Federal Communications Commission	1,648	1,648	100.00	1,838	1,838	100.00	1,745	1,745	100.00
Federal Trade Commission	1,285	1,131	88.02	848	746	87.97	876	771	88.01
Library of Congress	1,418	1,395	98.38	1,587	1,452	91.49	1,605	1,604	99.94
National Aeronautics & Space Admin	624,747	218,302	34.94	660,320	232,531	35.21	945,675	292,315	30.91
National Archives & Records Admin	110	110	100.00	140	120	85.71	130	120	92.31
National Science Foundation	608	428	70.39	718	501	69.78	792	557	70.33
Nuclear Regulatory Commission	22,225	18,806	84.62	22,542	19,328	85.74	22,117	19,317	87.34
Tennessee Valley Authority	19,206	8,541	44.47	20,243	9,319	46.04	22,271	9,553	42.89
US Arms Control & Disarmament Agency	290	150	51.72	200	125	62.50	200	125	62.50
United States Information Agency	0	0	0	1,200	20	1.67	656	10	1.52
US International Trade Commission	12,280	6,937	56.49	12,533	7,210	57.53	14,291	8,217	57.50

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

6/ Formerly listed as Federal Prison System

7/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

8/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

9/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

10/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-142. Federal obligations for total development to intramural performers for personnel costs, by agency: fiscal years 1992, 1993, and 1994

[In thousands of dollars and percentages]

Agency and subdivision	1992			Estimates					
				1993			1994		
	Total	Personnel costs	Percentage of total	Total	Personnel costs	Percentage of total	Total	Personnel costs	Percentage of total
Total, all agencies	$9,074,359	$3,274,028	36.08	$9,798,243	$3,499,359	35.71	$9,838,310	$3,411,172	34.67
Departments:									
Department of Agriculture, total	63,637	39,301	61.76	64,232	41,038	63.89	65,512	41,835	63.86
Agricultural Marketing Service 1/	602	365	60.63	619	419	67.69	626	442	70.61
Agricultural Research Service	41,666	22,874	54.90	41,683	24,176	58.00	42,161	24,917	59.10
Animal & Plant Health Inspection Service	16,469	13,175	80.00	16,430	13,144	80.00	16,325	13,060	80.00
Forest Service	4,900	2,887	58.92	5,500	3,299	59.98	6,400	3,416	53.37
Department of Commerce, total	31,199	21,915	70.24	59,065	26,473	44.82	87,124	26,448	30.36
Bureau of the Census	1,964	1,414	72.00	2,075	1,494	72.00	2,143	1,543	72.00
National Institute of Standards & Technology	10,245	7,376	72.00	31,062	8,495	27.35	61,510	8,683	14.12
National Oceanic & Atmospheric Administration	18,990	13,125	69.12	25,928	16,484	63.58	23,471	16,222	69.12
Department of Defense, total	7,091,249	2,298,130	32.41	7,612,896	2,469,005	32.43	7,651,083	2,388,586	31.22
Department of the Army	2,122,564	1,057,809	49.84	2,202,852	1,114,503	50.59	2,082,624	1,074,709	51.60
Department of the Navy	2,662,566	978,227	36.74	2,668,278	980,325	36.74	2,645,459	971,942	36.74
Department of the Air Force	807,085	76,375	9.46	701,431	79,537	11.34	694,781	81,743	11.77
Defense agencies	1,397,975	182,466	13.05	1,938,806	291,295	15.02	2,120,207	256,641	12.10
Operational Test & Evaluation, Director	1,266	259	20.46	700	320	45.71	975	340	34.87
Test & Evaluation, Deputy Under Secretary Defense	99,793	2,994	3.00	100,829	3,025	3.00	107,037	3,211	3.00
Department of Education	2,611	2,283	87.44	2,579	2,298	89.10	2,376	2,019	84.97
Department of Energy	199,474	39,045	19.57	254,449	41,264	16.22	277,634	43,834	15.79
Dept of Health & Human Svcs, total	220,165	82,457	37.45	258,691	100,539	38.86	270,878	100,873	37.24
Administration on Aging 2/	624	430	68.91	614	451	73.45	683	462	67.64
Admin for Children & Families 2/ 3/	50	50	100.00	33	33	100.00	11	11	100.00
Agency for Health Care Policy & Research 4/	8,506	8,506	100.00	9,187	9,187	100.00	9,186	9,186	100.00
National Institutes of Health 5/	210,922	73,408	34.80	248,757	90,768	36.49	260,898	91,114	34.92
Office of the Assistant Secretary for Health	63	63	100.00	100	100	100.00	100	100	100.00

See explanatory information, if any, and SOURCE at end of table.

Table C-142. Federal obligations for total development to intramural performers for personnel costs, by agency: fiscal years 1992, 1993, and 1994

[In thousands of dollars and percentages]

Page 2 of 3

Agency and subdivision	1992			Estimates					
				1993			1994		
	Total	Personnel costs	Percentage of total	Total	Personnel costs	Percentage of total	Total	Personnel costs	Percentage of total
Department of Housing & Urban Dvlpmt	$9,527	$7,000	73.48	$9,619	$7,300	75.89	$10,906	$8,400	77.02
Department of the Interior, total	24,356	19,915	81.77	27,081	22,750	84.01	32,533	29,212	89.79
Bureau of Land Management	180	100	55.56	500	200	40.00	500	200	40.00
Bureau of Mines	3,401	2,598	76.39	5,761	4,542	78.84	4,903	4,061	82.83
Bureau of Reclamation	1,900	425	22.37	2,245	898	40.00	880	220	25.00
Geological Survey	4,900	2,842	58.00	3,600	2,160	60.00	3,475	1,981	57.01
Office of the Secretary	75	50	66.67	75	50	66.67	75	50	66.67
US Fish & Wildlife Service	13,900	13,900	100.00	14,900	14,900	100.00	22,700	22,700	100.00
Department of Justice, total	11,895	5,120	43.04	11,560	4,812	41.63	11,566	4,829	41.75
Bureau of Prisons 6/	675	500	74.07	560	400	71.43	500	350	70.00
Drug Enforcement Administration	290	290	100.00	30	30	100.00	50	50	100.00
Federal Bureau of Investigation	10,925	4,325	39.59	10,670	4,370	40.96	10,716	4,416	41.21
Office of Justice Programs	5	5	100.00	300	12	4.00	300	13	4.33
Department of Labor, total	1,633	975	59.71	1,892	1,134	59.94	1,914	1,199	62.64
Employment & Training Admin	1,250	800	64.00	975	960	98.46	975	960	98.46
Office of the Secretary	283	115	40.64	812	112	13.79	814	114	14.00
Pension Benefit Guaranty Corp	100	60	60.00	105	62	59.05	125	125	100.00
Department of Transportation, total	195,023	60,579	31.06	181,092	52,755	29.13	169,677	54,934	32.38
Coast Guard	10,823	4,190	38.71	19,110	4,360	22.82	13,268	4,134	31.16
Federal Aviation Administration	175,089	52,809	30.16	140,531	44,620	31.75	132,331	45,446	34.34
Federal Highway Administration	2,243	378	16.85	12,654	1,124	8.88	7,567	1,513	19.99
Federal Railroad Administration	2,403	302	12.57	3,112	404	12.98	11,163	1,451	13.00
Federal Transit Administration 7/	900	270	30.00	500	150	30.00	500	150	30.00
Office of the Secretary	2,773	2,500	90.16	4,117	1,922	46.68	3,171	1,966	62.00
Research & Special Programs Administration	792	130	16.41	1,068	175	16.39	1,677	274	16.34
Department of the Treasury, total	1,815	830	45.73	1,737	833	47.96	2,184	947	43.36
Bureau of Engraving & Printing	224	4	1.79	0	0	0	0	0	0
Financial Crimes Enforcement Network	1,203	464	38.57	1,519	615	40.49	1,884	647	34.34
Internal Revenue Service 8/	238	212	89.08	0	0	0	0	0	0
United States Customs Service	150	150	100.00	150	150	100.00	150	150	100.00
United States Mint	0	0	0	68	68	100.00	150	150	100.00
Department of Veterans Affairs	21,250	14,152	66.60	36,550	24,342	66.60	30,550	20,346	66.60

See explanatory information, if any, and SOURCE at end of table.

Table C-142. Federal obligations for total development to intramural performers for personnel costs, by agency: fiscal years 1992, 1993, and 1994

[In thousands of dollars and percentages]

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Agency and subdivision	1992			Estimates					
				1993			1994		
	Total	Personnel costs	Percentage of total	Total	Personnel costs	Percentage of total	Total	Personnel costs	Percentage of total
Other agencies:									
Agency for International Dvlpmt	$172	$129	75.00	$51	$38	74.51	$33	$23	69.70
Consumer Product Safety Commission	300	300	100.00	315	315	100.00	120	120	100.00
Environmental Protection Agency	11,048	8,500	76.94	9,400	8,700	92.55	8,000	6,500	81.25
Library of Congress	8,483	8,272	97.51	8,123	7,646	94.13	8,124	8,118	99.93
National Aeronautics & Space Admin	1,130,441	648,303	57.35	1,201,102	670,653	55.84	1,141,854	655,529	57.41
National Archives & Records Admin	80	80	100.00	30	30	100.00	30	30	100.00
Tennessee Valley Authority	50,001	16,742	33.48	57,779	17,434	30.17	66,2[illegible]	17,390	26.26

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

6/ Formerly listed as Federal Prison System

7/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

8/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-143. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1973-83

[Dollars in millions]

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Agency and subdivision	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total, all agencies	17,488.8	18,297.1	19,550.8	21,020.9	22,882.9	25,127.9	27,041.0	30,635.8	34,065.9	35,766.8	37,959.4
Departments:											
Dept of Agriculture, total	357.1	381.5	425.6	468.8	537.8	572.4	630.5	687.6	782.5	828.4	858.8
Agricultural Coop Svc 1/	1.1	1.2	1.2	1.4	.0	.0	.0	1.6	1.3	1.7	2.1
Agricultural Marketing Svc 2/	NA	NA	NA	NA	NA	NA	.9	1.3	1.2	1.5	.6
Agricultural Research Svc 3/	199.3	210.5	232.8	247.4	294.6	318.4	331.2	371.6	425.9	436.1	469.4
Cooperative State Rsch Svc 4/	82.1	85.2	95.6	104.2	120.2	134.9	156.6	174.2	199.0	219.8	220.4
Economics, Stat & Coop Svc 5/	NA	NA	NA	NA	30.5	32.4	35.6	NA	NA	NA	NA
Economic Research Service	15.2	18.1	22.2	23.6	NA	NA	NA	NA	38.0	37.0	36.8
Economics & Statistics Svc 6/	NA	NA	NA	NA	NA	NA	NA	31.1	NA	NA	NA
Forest Service	58.3	65.6	72.5	90.3	92.5	86.7	105.7	100.6	101.8	116.0	111.1
Human Nutrition Info Svc	NA	NA	NA	NA	NA	NA	NA	NA	.0	3.8	5.8
National Agricultural Library	.3	.2	.1	-	NA	NA	NA	NA	NA	NA	NA
Nat'l Agricultural Stat Svc	.7	.6	1.2	2.0	NA	NA	NA	NA	7.5	7.0	7.6
Office of International Cooperation & Development	NA	NA	NA	NA	NA	NA	.0	6.4	6.9	4.6	4.1
Office of Transportation 2/	NA	NA	NA	NA	NA	NA	.5	.8	.9	.9	.8
Department of Commerce, total	186.2	188.2	224.6	233.3	238.2	272.7	307.1	360.6	346.8	286.5	335.2
National Institute of Standards & Technology	36.8	42.5	47.2	49.1	53.1	59.0	64.8	77.1	84.4	87.6	94.0
National Oceanic & Atmospheric Administration	114.4	109.5	127.7	134.5	132.6	164.7	190.1	210.6	209.0	174.1	222.0
Other Commerce 7/	34.9	36.3	49.7	49.8	52.5	48.9	52.2	72.9	53.5	24.8	19.2
Department of Defense, total	8,597.6	8,979.7	9,363.5	9,445.5	10,308.0	10,935.4	11,733.1	13,706.1	15,993.0	18,482.9	21,373.5
Department of the Army	2,042.4	2,308.6	2,083.0	1,969.6	2,195.0	2,464.3	2,536.2	2,852.9	3,123.7	3,414.4	3,848.5
Department of the Navy	2,498.9	2,715.8	3,126.3	3,320.1	3,582.6	3,919.4	3,926.4	4,507.9	4,916.9	5,394.7	6,023.5
Department of the Air Force	3,588.5	3,442.3	3,567.6	3,625.2	3,902.2	3,969.9	4,428.0	5,323.6	6,756.6	8,209.1	9,640.9
Defense agencies	461.3	485.2	556.9	507.5	610.5	555.1	814.2	981.4	1,160.0	1,420.0	1,817.3
Defense Civil Preparedness Agency	3.0	2.3	3.0	2.2	1.2	2.9	NA	NA	NA	NA	NA
Test & Evaluation, Deputy Under Secretary Defense	3.4	25.5	26.8	20.9	16.5	23.9	28.3	40.4	35.7	44.8	43.3
Department of Education	NA	NA	NA	NA	NA	NA	136.5	120.9	111.8	150.1	111.5
Department of Energy 8/ 9/	NA	NA	NA	NA	3,593.1	4,413.0	4,956.8	5,660.2	6,125.9	5,785.4	5,641.9

See explanatory information, if any, and SOURCE at end of table.

Table C-143. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1973-83

[Dollars in millions]

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Agency and subdivision	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Department of Health, Education, & Welfare, total	1,878.4	1,960.6	2,168.2	2,615.0	2,622.2	3,070.2	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	112.6	127.3	114.1	145.1	167.2	179.9	NA	NA	NA	NA	NA
Nat'l Institute of Education	35.8	96.9	82.8	69.8	59.7	74.8	NA	NA	NA	NA	NA
National Institutes of Health	1,373.7	1,435.4	1,684.4	2,118.4	2,105.0	2,507.1	NA	NA	NA	NA	NA
Office of Education	102.2	66.3	53.1	56.8	30.3	25.8	NA	NA	NA	NA	NA
Other HEW	254.1	234.6	233.8	225.0	260.1	282.6	NA	NA	NA	NA	NA
Department of Health & Human Services, total	NA	NA	NA	NA	NA	NA	3,172.7	3,554.1	3,997.5	4,052.1	4,118.6
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA	NA	184.7	218.1	251.1	292.0	289.8
Nat'l Institutes of Health 10/	NA	NA	NA	NA	NA	NA	2,713.4	3,029.3	3,392.2	3,475.0	3,562.9
Other HHS 11/ 12/	NA	NA	NA	NA	NA	NA	274.5	306.8	354.3	285.0	265.8
Department of Housing & Urban Development	47.8	58.4	58.7	60.3	69.0	59.3	74.3	65.8	54.1	37.0	30.9
Dept of the Interior, total	254.1	194.8	266.0	319.7	304.0	339.9	404.3	431.5	436.9	394.9	412.7
Bureau of Mines	68.6	66.7	82.7	113.7	103.7	104.2	121.4	130.8	109.0	105.2	102.0
Geological Survey 13/	62.7	68.7	95.2	115.7	112.2	128.7	144.2	145.2	168.2	150.1	171.4
Other Interior 8/	122.8	59.4	88.1	90.4	88.1	107.0	138.7	155.5	159.7	139.7	139.3
Department of Justice, total	22.2	40.5	43.8	39.9	33.7	33.5	45.9	45.3	26.1	36.6	27.6
Office of Justice Programs	19.9	34.5	39.2	35.2	27.6	27.1	35.5	35.1	19.2	30.4	21.1
Other Justice 14/	2.3	6.0	4.6	4.7	6.2	6.3	10.4	10.2	6.9	6.2	6.5
Department of Labor 15/	18.3	22.5	25.4	27.8	28.1	97.6	109.2	137.7	61.6	29.4	16.8
Department of State, total	20.8	24.8	28.6	27.0	44.1	57.5	3.2	2.2	1.8	1.5	1.5
Agcy for Internat'l Dvlpmt 16/	19.3	23.2	27.4	25.4	41.8	54.6	NA	NA	NA	NA	NA
Other State	1.5	1.6	1.2	1.6	2.3	2.8	3.2	2.2	1.8	.0	.0
Dept of Transportation, total	337.3	363.7	339.2	335.7	363.5	377.3	372.4	391.0	432.1	360.0	282.3
Federal Aviation Admin	88.6	115.8	113.7	114.6	102.8	100.2	111.4	109.7	125.9	110.9	99.5
Federal Highway Admin	23.5	33.5	26.8	42.9	53.0	52.9	48.9	53.4	59.1	42.5	32.5
Federal Railroad Admin	41.4	38.3	51.1	48.5	57.3	62.4	58.0	63.5	55.0	25.6	18.5
Federal Transit Admin 17/	72.2	57.8	60.9	48.2	52.1	52.5	50.5	58.9	61.9	69.8	36.5
National Highway Traffic Safety Administration	47.6	44.4	36.2	33.8	49.5	68.5	53.6	60.3	60.8	60.2	51.1
Other Transportation 7/	63.9	73.9	50.6	47.7	48.8	40.8	49.9	45.2	89.4	51.0	44.2
Dept of the Treasury 18/ 19/	1.0	1.1	1.7	3.8	5.0	9.9	9.6	10.9	10.8	13.6	15.6
Department of Veterans Affairs	82.8	85.7	97.0	109.5	112.8	123.9	123.1	138.6	144.3	140.7	164.7

See explanatory information, if any, and SOURCE at end of table.

Table C-143. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1973-83

[Dollars in millions]

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Agency and subdivision	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Other agencies:											
Agcy for Internat'l Dvlpmt 16/	NA	NA	NA	NA	NA	NA	80.3	114.3	166.1	188.6	225.2
Atomic Energy Commission	1,624.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Energy Rsch & Dvlpmt Admin 9/	NA	1,825.0	2,246.6	2,553.7	NA	NA	NA	NA	NA	NA	NA
Environmental Protection Agency	147.7	172.2	218.6	265.6	283.0	312.5	388.9	384.7	344.3	336.2	312.5
Nat'l Aeronautics & Space Admin	3,315.2	3,256.2	3,266.5	3,669.0	3,449.1	3,432.1	3,395.2	3,605.7	3,705.5	3,252.9	2,646.2
National Science Foundation	470.9	584.7	600.4	669.1	674.7	738.6	804.6	848.2	905.0	1,015.1	994.7
Nuclear Regulatory Commission	NA	46.1	58.5	76.9	107.8	131.7	145.4	182.8	216.0	208.6	244.0
Office of Economic Opportunity	76.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
All other agencies 20/ 21/	50.2	111.3	117.9	100.0	109.0	150.5	148.1	187.5	203.7	166.2	145.3

1/ Includes programs of the Farmer Cooperative Service for fiscal years 1970-76

2/ Fiscal year 1979 was the first year in which Congress appropriated funds to the Agricultural Marketing Service. Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ Includes the former Agriculture Research Service of the Science and Education Administration for fiscal years 1978-80

4/ Includes former Cooperative State Research Service of the Science and Education Administration for fiscal years 1978-80

5/ Includes programs of the Economic Research Service, the Statistical Reporting Service, and the Farmer Cooperative Service for fiscal years 1977-79

6/ Includes programs of the Economic Research Service and the Statistical Reporting Service for fiscal year 1980

7/ In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

8/ In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

9/ In 1977 the Energy Research and Development Administration became part of the Department of Energy.

10/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

11/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

12/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

13/ As of 1985 the Office of Water Research and Technology has been combined with the Geological Survey.

14/ The Bureau of Prisons was formerly listed as Federal Prison System.

15/ In 1984 the Labor-Management Services Administration was replaced by Labor-Management Relations and Cooperative Programs.

16/ Agency for International Development (AID) became separate from the Department of State in 1979. AID includes programs of the International Development Cooperative Agency for fiscal years 1979-81.

17/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

18/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

19/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

20/ As of 1985 the National Archives and Records Administration is separate from the General Services Administration.

21/ Data reported for the US Information Agency include funds for the former International Communication Agency for fiscal years 1977-81.

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-143a. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1984-94

[Dollars in millions]

Page 1 of 3

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Total, all agencies	41,330.1	45,860.3	52,090.3	53,214.2	56,556.6	61,476.4	64,151.1	63,676.4	65,719.0	71,330.0	74,036.1
Departments:											
Dept of Agriculture, total	893.5	923.2	953.0	994.0	1,049.7	1,129.8	1,196.7	1,269.4	1,382.8	1,441.9	1,449.2
Agricultural Coop Svc 1/	2.2	2.9	2.6	2.8	2.7	2.8	2.7	2.8	3.4	3.5	3.6
Agricultural Marketing Svc 2/	1.7	1.3	1.7	1.4	1.6	1.5	2.7	3.7	4.3	4.8	4.9
Agricultural Research Svc 3/	479.3	492.9	500.5	526.5	540.4	579.7	603.4	622.9	686.5	715.2	699.6
Animal & Plant Health Inspection Service	.0	.0	4.2	4.9	6.2	7.7	14.0	15.7	16.7	16.8	19.4
Cooperative State Rsch Svc 4/	239.5	243.6	256.5	274.1	294.8	336.9	361.9	395.6	415.1	444.2	463.8
Economic Research Service	40.9	45.1	46.0	43.2	47.2	50.0	50.7	53.0	57.5	56.9	51.2
Federal Grain Inspection Svc	.0	.9	1.0	1.2	1.0	1.1	.6	.7	1.8	1.2	1.0
Forest Service	109.2	113.8	113.5	120.7	138.0	136.4	144.5	159.8	182.0	184.0	187.7
Human Nutrition Info Svc	7.9	7.2	10.6	9.6	8.2	8.4	9.0	8.9	9.7	9.0	11.9
Nat'l Agricultural Stat Svc	8.2	8.4	8.0	3.5	3.6	2.8	2.7	3.2	3.5	3.6	3.6
Office of International Cooperation & Development	3.6	5.8	7.5	5.1	5.0	2.5	4.3	3.1	2.4	2.6	2.4
Office of Transportation 2/	1.0	1.3	1.0	1.0	1.1	NA	NA	NA	NA	NA	NA
Department of Commerce, total	336.3	377.8	380.1	311.1	389.4	403.2	441.5	500.7	643.4	714.7	858.7
National Institute of Standards & Technology	103.3	106.5	109.2	102.1	111.4	121.5	120.3	144.1	160.6	225.8	332.6
National Oceanic & Atmospheric Administration	214.7	249.1	248.7	189.2	263.5	269.1	306.7	345.3	472.2	479.9	514.7
Other Commerce 5/	18.2	22.2	22.1	19.8	14.5	12.6	14.4	11.2	10.6	9.0	11.4
Department of Defense, total	22,999.4	27,143.7	32,491.1	33,611.8	34,573.0	36,869.1	37,140.0	33,447.2	34,631.7	36,948.4	37,622.2
Department of the Army	4,017.4	4,230.0	4,278.5	5,009.7	4,899.6	5,241.3	5,797.1	5,724.5	6,295.2	6,110.6	5,821.3
Department of the Navy	6,859.8	8,304.9	9,939.8	9,422.1	9,081.9	9,559.5	9,453.5	7,902.0	8,115.0	9,345.0	9,258.0
Department of the Air Force	10,849.7	12,263.7	14,133.1	14,101.0	14,774.5	15,390.5	14,888.1	13,043.8	12,532.3	13,271.8	13,990.5
Defense agencies	1,217.8	2,290.0	4,068.2	4,995.8	5,690.3	6,501.3	6,853.6	6,685.3	7,450.3	7,985.1	8,292.7
Operational Test & Evaluation, Director	NA	NA	.0	4.4	7.2	31.6	32.0	22.3	9.4	12.7	12.2
Test & Evaluation, Deputy Under Secretary Defense	54.7	55.1	71.6	78.8	119.6	145.0	115.8	69.4	229.4	223.2	247.5
Department of Education	181.3	95.7	125.3	138.3	142.9	155.7	150.7	117.2	135.5	189.3	190.5
Department of Energy 6/ 7/	5,656.4	5,803.0	5,381.7	5,432.7	5,743.7	6,039.0	6,365.3	6,827.1	7,232.7	7,690.5	7,966.0

See explanatory information, if any, and SOURCE at end of table.

Table C-143a. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1984-94

[Dollars in millions]

Page 2 of 3

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Department of Health & Human Services, total	4,484.9	5,049.6	5,531.4	5,751.0	6,923.2	7,773.4	8,363.8	9,822.1	9,091.5	10,717.8	11,596.1
Alcohol, Drug Abuse, & Mental Health Administration	276.1	349.8	396.6	476.1	554.8	695.7	842.7	1,460.6	.0	.0	.0
Nat'l Institutes of Health 8/	3,981.1	4,446.3	4,867.2	4,985.2	6,060.2	6,699.0	7,181.1	7,890.4	8,491.4	10,112.0	10,953.0
Other HHS 9/ 10/	227.7	253.4	267.6	289.6	308.2	378.7	340.1	471.1	600.2	605.9	643.1
Department of Housing & Urban Development	24.9	18.6	13.9	19.7	14.9	20.7	21.7	18.1	23.5	24.3	28.6
Dept of the Interior, total	435.9	417.0	445.4	394.7	419.6	485.3	503.0	556.2	628.4	638.6	598.6
Bureau of Mines	111.4	100.4	131.0	91.2	87.6	92.6	96.7	97.7	113.9	112.4	100.2
Geological Survey 11/	228.4	230.8	226.5	211.2	238.6	300.9	301.3	319.5	370.3	377.4	373.0
Other Interior 6/	96.1	85.8	87.9	92.4	93.4	91.7	105.0	139.0	144.2	148.8	125.5
Department of Justice, total	26.5	32.7	32.1	39.0	48.1	36.0	38.2	40.4	42.9	44.2	42.9
Office of Justice Programs	19.6	20.1	19.2	22.4	21.6	22.5	24.0	20.7	24.1	26.2	24.0
Other Justice 12/	6.9	12.6	13.0	16.6	26.5	13.4	14.2	19.7	18.7	18.0	18.9
Department of Labor 13/	14.1	13.7	10.9	20.3	31.8	28.9	45.2	45.6	70.8	67.3	67.7
Department of State, total	1.6	1.5	1.5	3.0	4.2	4.7	4.7	5.9	5.6	5.4	5.4
Other State	.0	.0	.0	.0	.0	.0	.0	.0	5.6	5.4	5.4
Dept of Transportation, total	357.5	430.2	445.2	347.7	332.1	291.5	287.3	361.0	411.1	535.8	658.8
Federal Aviation Admin	167.5	283.7	317.6	190.5	190.2	153.5	185.5	216.0	250.7	287.2	305.4
Federal Highway Admin	51.1	47.5	46.1	76.3	60.1	76.5	44.0	86.1	81.2	139.4	217.2
Federal Railroad Admin	14.7	16.2	15.4	10.9	10.6	7.0	7.0	14.3	21.5	33.3	33.1
Federal Transit Admin 14/	31.2	18.6	8.8	9.4	1.4	2.0	2.3	2.1	1.5	8.7	38.1
National Highway Traffic Safety Administration	53.2	28.0	19.1	28.9	45.2	28.5	16.9	19.2	24.5	25.5	24.3
Other Transportation 5/	39.8	36.2	38.2	31.8	24.7	23.9	31.6	23.2	31.7	41.8	40.7
Dept of the Treasury 15/ 16/	13.6	24.3	23.0	26.4	25.8	23.5	25.2	30.4	24.5	15.9	27.9
Department of Veterans Affairs	193.6	222.7	185.1	198.8	201.9	186.4	219.0	221.6	207.6	236.9	221.3

See explanatory information, if any, and SOURCE at end of table.

Table C-143a. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1984-94

[Dollars in millions]

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Agency and subdivision	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Other agencies:											
Agcy for Internat'l Dvlpmt 17/	207.2	233.0	255.5	263.2	229.1	279.1	334.0	344.0	205.9	355.0	375.5
Environmental Protection Agency	266.1	274.8	306.9	325.9	340.0	343.2	388.5	400.1	411.9	485.3	526.0
Nat'l Aeronautics & Space Admin	3,730.6	3,217.1	3,730.6	3,564.3	4,230.4	5,506.1	6,762.2	7,675.0	8,386.6	8,666.7	9,083.9
National Science Foundation	1,151.0	1,250.0	1,468.1	1,459.9	1,550.7	1,613.4	1,563.0	1,687.1	1,813.6	2,180.4	2,339.1
Nuclear Regulatory Commission	198.6	161.1	136.0	124.4	113.5	113.2	111.5	107.5	116.5	119.5	121.5
All other agencies 18/ 19/	157.3	170.5	173.6	188.1	192.5	174.4	189.5	199.8	252.5	252.2	256.2

1/ Includes programs of the Farmer Cooperative Service for fiscal years 1970-76

2/ Fiscal year 1979 was the first year in which Congress appropriated funds to the Agricultural Marketing Service. Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ Includes the former Agriculture Research Service of the Science and Education Administration for fiscal years 1978-80

4/ Includes former Cooperative State Research Service of the Science and Education Administration for fiscal years 1978-80

5/ In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

6/ In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

7/ In 1977 the Energy Research and Development Administration became part of the Department of Energy.

8/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

9/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

10/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

11/ As of 1985 the Office of Water Research and Technology has been combined with the Geological Survey.

12/ The Bureau of Prisons was formerly listed as Federal Prison System.

13/ In 1984 the Labor-Management Services Administration was replaced by Labor-Management Relations and Cooperative Programs.

14/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

15/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

16/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

17/ Agency for International Development (AID) became separate from the Department of State in 1979. AID includes programs of the International Development Cooperative Agency for fiscal years 1979-81.

18/ As of 1985 the National Archives and Records Administration is separate from the General Services Administration.

19/ Data reported for the US Information Agency include funds for the former International Communication Agency for fiscal years 1977-81.

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-144. Federal outlays for research and development, by agency: fiscal years 1973-83

[Dollars in millions]

Page 1 of 3

Agency and subdivision	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total, all agencies	16,850.4	17,592.5	18,721.2	20,220.2	22,082.7	24,020.1	25,838.2	29,154.2	32,459.1	34,390.7	36,659.4
Departments:											
Dept of Agriculture, total	348.5	375.6	417.7	460.0	515.3	553.8	608.7	659.8	743.4	807.2	826.0
Agricultural Coop Svc 1/	1.1	1.2	1.2	1.4	.0	.0	.0	1.6	1.3	1.7	2.1
Agricultural Marketing Svc 2/	NA	NA	NA	NA	NA	NA	.9	1.3	1.2	1.5	.6
Agricultural Research Svc 3/	194.7	207.1	228.8	242.0	275.6	301.9	312.9	347.5	390.1	417.5	438.7
Cooperative State Rsch Svc 4/	81.8	85.0	95.5	104.2	120.1	134.9	156.6	174.2	199.0	219.8	219.6
Economics, Stat & Coop Svc 5/	NA	NA	NA	NA	30.5	32.4	35.6	NA	NA	NA	NA
Economic Research Service	15.2	18.1	22.2	23.6	NA	NA	NA	NA	38.0	37.0	36.8
Economics & Statistics Svc 6/	NA	NA	NA	NA	NA	NA	NA	31.1	NA	NA	NA
Forest Service	54.7	63.3	68.6	86.9	89.0	84.6	102.2	97.0	98.6	113.2	109.8
Human Nutrition Info Svc	NA	NA	NA	NA	NA	NA	NA	NA	.0	3.8	5.8
National Agricultural Library	.3	.2	.1	-	NA	NA	NA	NA	NA	NA	NA
Nat'l Agricultural Stat Svc	.7	.6	1.2	2.0	NA	NA	NA	NA	7.5	7.0	7.6
Office of International Cooperation & Development	NA	NA	NA	NA	NA	NA	.0	6.4	6.9	4.6	4.1
Office of Transportation 2/	NA	NA	NA	NA	NA	NA	.5	.8	.9	.9	.8
Department of Commerce, total	180.4	176.3	214.1	225.5	232.5	269.2	305.2	355.9	345.5	285.4	334.5
National Institute of Standards & Technology	35.6	40.7	45.3	48.0	52.6	58.1	63.4	76.8	83.9	86.6	93.3
National Oceanic & Atmospheric Administration	110.9	101.6	119.8	129.4	131.2	162.5	190.1	206.7	208.1	174.1	222.0
Other Commerce 7/	33.9	34.0	49.0	48.1	48.8	48.6	51.7	72.3	53.5	24.0	19.2
Department of Defense, total	8,440.6	8,814.9	9,210.6	9,301.3	10,182.4	10,622.8	11,497.3	13,501.4	15,754.5	18,251.2	21,105.8
Department of the Army	1,996.4	2,277.2	2,053.1	1,949.0	2,180.2	2,457.5	2,534.1	2,845.3	3,114.8	3,400.9	3,827.0
Department of the Navy	2,466.4	2,668.3	3,078.5	3,260.8	3,519.0	3,870.3	3,873.5	4,417.0	4,824.7	5,269.4	5,886.8
Department of the Air Force	3,533.1	3,374.1	3,513.1	3,568.1	3,862.2	3,719.8	4,263.1	5,220.6	6,626.6	8,141.4	9,537.2
Defense agencies	438.3	467.4	536.2	500.3	603.3	548.5	798.3	978.2	1,152.6	1,394.8	1,811.5
Defense Civil Preparedness Agency	3.0	2.3	3.0	2.2	1.2	2.9	NA	NA	NA	NA	NA
Test & Evaluation, Deputy Under Secretary Defense	3.4	25.5	26.8	20.9	16.5	23.9	28.3	40.4	35.7	44.8	43.3
Department of Education	NA	NA	NA	NA	NA	NA	136.5	120.9	111.8	150.1	111.5
Department of Energy 8/ 9/	NA	NA	NA	NA	3,166.0	3,931.7	4,303.3	4,697.5	5,041.4	4,842.1	4,817.5
Department of Health, Education, & Welfare, total	1,815.7	1,927.3	2,082.3	2,562.6	2,576.6	3,002.2	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	112.6	127.3	114.1	145.1	167.2	179.9	NA	NA	NA	NA	NA
Nat'l Institute of Education	35.8	96.9	82.8	69.8	59.7	74.8	NA	NA	NA	NA	NA
National Institutes of Health	1,333.3	1,407.6	1,602.8	2,066.5	2,063.7	2,440.3	NA	NA	NA	NA	NA
Office of Education	94.0	62.8	53.1	56.8	30.3	25.8	NA	NA	NA	NA	NA
Other HEW	240.0	232.8	229.5	224.5	255.8	281.4	NA	NA	NA	NA	NA

See explanatory information, if any, and SOURCE at end of table.

Table C-144. Federal outlays for research and development, by agency: fiscal years 1973-83

[Dollars in millions]

Page 2 of 3

Agency and subdivision	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Department of Health & Human Services, total	NA	NA	NA	NA	NA	NA	3,099.3	3,477.2	3,954.9	4,015.3	4,092.0
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA	NA	184.4	217.9	250.9	291.7	288.8
Nat'l Institutes of Health 10/	NA	NA	NA	NA	NA	NA	2,641.0	2,953.2	3,350.2	3,439.6	3,539.5
Other HHS 11/ 12/	NA	NA	NA	NA	NA	NA	273.9	306.1	353.8	284.0	263.7
Department of Housing & Urban Development	47.8	58.4	58.7	60.3	69.0	59.3	74.3	65.8	54.1	37.0	30.9
Dept of the Interior, total	237.4	192.8	263.6	319.0	299.5	332.3	395.3	422.7	432.8	393.6	410.3
Bureau of Mines	68.6	66.7	82.7	113.7	100.7	104.1	117.1	128.4	106.9	105.0	101.9
Geological Survey 13/	62.1	68.3	95.2	115.7	112.2	128.7	144.2	145.2	168.2	150.1	169.9
Other Interior 8/	106.8	57.9	85.7	89.6	86.6	99.4	134.0	149.2	157.7	138.5	138.5
Department of Justice, total	22.2	40.5	43.8	39.9	33.7	33.5	45.9	45.3	26.1	36.6	27.6
Office of Justice Programs	19.9	34.5	39.2	35.2	27.6	27.1	35.5	35.1	19.2	30.4	21.1
Other Justice 14/	2.3	6.0	4.6	4.7	6.2	6.3	10.4	10.2	6.9	6.2	6.5
Department of Labor 15/	18.3	22.5	25.4	27.8	28.1	97.6	109.2	137.7	61.6	29.4	16.8
Department of State, total	20.2	24.5	28.4	25.9	40.1	57.4	3.2	2.2	1.8	1.5	1.5
Agcy for Internat'l Dvlpmt 16/	18.7	23.0	27.1	24.3	37.8	54.5	NA	NA	NA	NA	NA
Other State	1.5	1.6	1.2	1.6	2.3	2.8	3.2	2.2	1.8	.0	.0
Dept of Transportation, total	312.3	328.4	324.5	323.6	346.0	364.1	356.2	374.7	415.9	347.0	272.4
Federal Aviation Admin	88.1	115.2	110.9	112.7	99.8	99.2	101.9	104.2	119.8	106.6	90.3
Federal Highway Admin	23.4	33.1	26.4	42.5	52.6	52.5	48.7	53.1	56.3	42.5	32.5
Federal Railroad Admin	31.8	34.4	42.0	40.5	45.6	51.5	51.7	53.2	48.2	17.4	18.3
Federal Transit Admin 17/	69.0	54.1	59.1	46.9	50.4	52.5	50.5	58.9	61.9	69.8	36.5
National Highway Traffic Safety Administration	47.6	44.4	36.2	33.8	49.3	68.3	53.4	60.1	60.3	59.7	50.6
Other Transportation 7/	52.4	47.1	50.0	47.2	48.3	40.1	49.9	45.2	69.4	51.0	44.2
Dept of the Treasury 18/ 19/	1.0	1.1	1.7	3.7	4.9	9.9	9.5	10.9	10.8	13.6	15.5
Department of Veterans Affairs	75.0	80.4	94.8	97.7	106.9	114.3	120.3	134.4	137.8	137.7	154.1

See explanatory information, if any, and SOURCE at end of table.

Table C-144. Federal outlays for research and development, by agency: fiscal years 1973-83

[Dollars in millions]

Page 3 of 3

Agency and subdivision	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Other agencies:											
Agcy for Internat'l Dvlpmt 16/	NA	NA	NA	NA	NA	NA	75.8	107.8	159.9	178.3	212.8
Atomic Energy Commission	1,363.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Energy Rsch & Dvlpmt Admin 9/	NA	1,488.9	1,835.4	2,189.5	NA	NA	NA	NA	NA	NA	NA
Environmental Protection Agency	144.7	161.3	207.2	259.0	281.3	310.3	386.5	384.7	344.3	336.2	312.5
Nat'l Aeronautics & Space Admin	3,270.5	3,181.1	3,181.2	3,548.1	3,344.2	3,307.9	3,262.5	3,465.4	3,558.6	3,140.7	2,538.0
National Science Foundation	427.8	570.7	571.3	619.0	649.6	700.5	775.2	830.6	892.3	1,013.6	991.8
Nuclear Regulatory Commission	NA	42.3	55.8	73.3	101.7	125.4	137.5	175.4	208.7	208.6	244.0
Office of Economic Opportunity	76.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
All other agencies 20/ 21/	47.9	105.5	104.7	84.0	104.9	128.1	136.5	183.8	202.9	165.6	143.9

1/ Includes programs of the Farmer Cooperative Service for fiscal years 1970-76

2/ Fiscal year 1979 was the first year in which Congress appropriated funds to the Agricultural Marketing Service. Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ Includes the former Agriculture Research Service of the Science and Education Administration for fiscal years 1978-80

4/ Includes former Cooperative State Research Service of the Science and Education Administration for fiscal years 1978-80

5/ Includes programs of the Economic Research Service, the Statistical Reporting Service, and the Farmer Cooperative Service for fiscal years 1977-79

6/ Includes programs of the Economic Research Service and the Statistical Reporting Service for fiscal year 1980

7/ In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

8/ In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

9/ In 1977 the Energy Research and Development Administration became part of the Department of Energy.

10/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

11/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

12/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

13/ As of 1985 the Office of Water Research and Technology has been combined with the Geological Survey.

14/ The Bureau of Prisons was formerly listed as Federal Prison System.

15/ In 1984 the Labor-Management Services Administration was replaced by Labor-Management Relations and Cooperative Programs.

16/ Agency for International Development (AID) became separate from the Department of State in 1979. AID includes programs of the International Development Cooperative Agency for fiscal years 1979-81.

17/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

18/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

19/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

20/ As of 1985 the National Archives and Records Administration is separate from the General Services Administration.

21/ Data reported for the US Information Agency include funds for the former International Communication Agency for fiscal years 1977-81.

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-144a. Federal outlays for research and development, by agency: fiscal years 1984-94

[Dollars in millions]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Total, all agencies	39,691.0	44,171.4	50,609.1	51,611.7	54,739.4	59,450.4	62,135.3	61,130.4	62,934.5	67,786.2	70,450.7
Departments:											
Dept of Agriculture, total	864.3	889.0	918.0	922.9	971.2	1,037.5	1,072.5	1,189.4	1,246.0	1,279.1	1,315.0
Agricultural Coop Svc 1/	2.2	2.9	2.6	2.8	2.7	2.8	2.7	2.8	3.4	3.5	3.6
Agricultural Marketing Svc 2/	1.7	1.3	1.7	1.4	1.6	1.5	2.7	3.7	4.3	4.8	4.9
Agricultural Research Svc 3/	454.3	466.2	468.1	463.2	482.1	528.0	548.1	573.5	617.1	616.2	623.7
Animal & Plant Health Inspection Service	.0	.0	4.2	4.9	5.6	7.4	8.0	15.7	16.7	16.8	16.7
Cooperative State Rsch Svc 4/	235.7	236.7	254.8	267.1	277.3	298.3	303.9	380.1	354.9	385.2	413.1
Economic Research Service	40.9	45.1	46.0	43.2	47.2	50.0	50.7	53.0	57.5	56.9	51.2
Federal Grain Inspection Svc	.0	.9	1.0	1.2	1.0	1.1	.6	.7	1.8	1.2	1.0
Forest Service	108.8	113.1	112.5	119.9	135.8	134.7	139.6	144.7	174.8	179.3	182.7
Human Nutrition Info Svc	7.9	7.2	10.6	9.6	8.2	8.4	9.0	8.9	9.7	9.0	11.9
Nat'l Agricultural Stat Svc	8.2	8.4	8.0	3.5	3.6	2.8	2.7	3.2	3.5	3.6	3.6
Office of International Cooperation & Development	3.6	5.8	7.5	5.1	5.0	2.5	4.3	3.1	2.4	2.6	2.4
Office of Transportation 2/	1.0	1.3	1.0	1.0	1.1	NA	NA	NA	NA	NA	NA
Department of Commerce, total	327.0	373.6	372.6	307.0	378.6	394.0	426.8	485.1	622.1	685.1	838.9
National Institute of Standards & Technology	94.1	102.2	103.3	100.0	101.3	113.0	112.3	135.9	149.1	210.5	323.3
National Oceanic & Atmospheric Administration	214.7	249.1	247.2	187.1	263.0	268.6	300.1	338.0	462.4	465.5	504.2
Other Commerce 5/	18.2	22.2	22.1	19.8	14.2	12.4	14.4	11.2	10.6	9.0	11.4
Department of Defense, total	22,619.3	26,742.0	32,210.5	33,254.4	34,156.8	36,453.4	36,703.2	33,013.5	34,220.8	36,469.2	37,249.8
Department of the Army	3,983.0	4,176.6	4,223.5	4,949.0	4,837.8	5,201.6	5,750.2	5,659.5	6,273.2	6,092.6	5,797.3
Department of the Navy	6,709.4	8,161.1	9,809.1	9,357.1	9,003.1	9,475.0	9,352.3	7,815.0	8,004.0	9,275.0	9,208.0
Department of the Air Force	10,658.5	12,063.9	14,044.0	13,906.8	14,567.0	15,190.8	14,687.9	12,825.6	12,346.1	13,033.6	13,817.0
Defense agencies	1,213.6	2,285.2	4,062.4	4,958.4	5,622.1	6,409.5	6,765.0	6,621.8	7,358.7	7,832.0	8,167.8
Operational Test & Evaluation, Director	NA	NA	.0	4.4	7.2	31.6	32.0	22.3	9.4	12.7	12.2
Test & Evaluation, Deputy Under Secretary Defense	54.7	55.1	71.6	78.8	119.6	145.0	115.8	69.4	229.4	223.2	247.5
Department of Education	181.3	95.7	124.5	122.6	131.8	153.4	147.9	114.5	133.0	176.6	187.5
Department of Energy 6/ 7/	4,740.3	4,947.7	4,655.8	4,711.3	4,964.7	5,200.6	5,508.4	5,727.2	6,034.7	6,275.1	6,243.8

See explanatory information, if any, and SOURCE at end of table.

Table C-144a. Federal outlays for research and development, by agency: fiscal years 1984-94

[Dollars in millions]

Page 2 of 3

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Department of Health & Human Services, total	4,450.3	5,007.0	5,498.7	5,719.5	6,892.5	7,717.4	8,308.7	9,627.3	8,994.8	10,342.3	11,363.9
Alcohol, Drug Abuse, & Mental Health Administration	272.0	348.4	396.1	475.5	554.8	695.7	842.7	1,460.6	.0	.0	.0
Nat'l Institutes of Health 8/	3,960.6	4,420.1	4,845.0	4,956.2	6,031.2	6,645.0	7,127.0	7,714.0	8,409.2	9,771.1	10,751.1
Other HHS 9/ 10/	217.7	238.4	257.6	287.7	306.5	376.7	339.1	452.7	585.6	571.1	612.8
Department of Housing & Urban Development	24.9	18.6	13.9	19.7	14.9	20.7	21.7	18.1	23.5	24.3	28.6
Dept of the Interior, total	430.7	412.8	439.3	390.0	414.6	478.4	492.5	535.6	610.6	617.9	585.6
Bureau of Mines	111.3	100.4	131.0	91.2	87.6	90.6	93.6	96.3	113.9	112.4	100.2
Geological Survey 11/	227.2	229.9	225.6	210.4	237.9	299.5	300.0	316.6	365.9	373.5	361.6
Other Interior 6/	92.1	82.5	82.7	88.4	89.1	88.3	98.8	122.7	130.7	132.0	123.3
Department of Justice, total	26.5	32.7	32.1	38.7	48.1	36.0	38.2	40.4	42.9	44.2	42.9
Office of Justice Programs	19.6	20.1	19.2	22.4	21.6	22.5	24.0	20.7	24.1	26.2	24.0
Other Justice 12/	6.9	12.6	13.0	16.3	26.5	13.4	14.2	19.7	18.7	18.0	18.9
Department of Labor 13/	14.1	13.7	10.9	20.3	31.8	28.9	45.2	45.6	70.8	67.3	67.7
Department of State, total	1.6	1.5	1.5	3.0	4.2	4.7	4.7	5.9	5.6	5.4	5.4
Other State	.0	.0	.0	.0	.0	.0	.0	.0	5.6	5.4	5.4
Dept of Transportation, total	344.6	416.1	429.8	336.6	321.0	278.6	270.6	342.6	394.0	510.7	627.8
Federal Aviation Admin	155.1	270.1	303.3	180.1	179.6	141.0	169.2	199.6	234.9	266.2	280.4
Federal Highway Admin	51.1	47.5	45.5	76.0	60.1	76.5	44.0	86.1	81.2	137.0	212.8
Federal Railroad Admin	14.7	16.2	15.4	10.9	10.3	6.7	7.0	12.8	20.6	32.0	31.9
Federal Transit Admin 14/	31.2	18.6	8.8	9.4	1.4	2.0	2.3	2.1	1.5	8.7	38.1
National Highway Traffic Safety Administration	52.7	27.5	18.6	28.4	45.2	28.5	16.9	19.2	24.5	25.5	24.3
Other Transportation 5/	39.8	36.2	38.2	31.8	24.4	23.9	31.2	22.8	31.3	41.4	40.2
Dept of the Treasury 15/ 16/	13.5	24.2	22.9	26.3	25.7	23.4	25.1	30.3	24.4	15.8	27.7
Department of Veterans Affairs	189.0	215.1	181.2	195.1	197.3	184.9	206.6	213.4	202.1	230.4	212.7

See explanatory information, if any, and SOURCE at end of table.

Table C-144a. Federal outlays for research and development, by agency: fiscal years 1984-94

[Dollars in millions]

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Agency and subdivision	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Other agencies:											
Agcy for Internat'l Dvlpmt 17/	195.8	220.3	241.5	248.7	216.6	279.1	334.0	344.0	205.9	355.0	375.5
Environmental Protection Agency	266.1	274.8	306.9	325.9	340.0	343.2	388.5	400.1	411.9	485.3	526.0
Nat'l Aeronautics & Space Admin	3,538.7	2,970.3	3,431.5	3,250.4	3,831.7	4,974.8	6,324.3	7,071.2	7,616.5	7,830.0	8,209.3
National Science Foundation	1,108.0	1,186.0	1,410.7	1,410.0	1,494.0	1,556.7	1,524.9	1,630.6	1,732.7	2,017.8	2,170.5
Nuclear Regulatory Commission	198.6	161.1	136.0	124.4	113.5	113.2	111.5	107.5	116.5	119.5	121.5
All other agencies 18/ 19/	156.5	169.4	170.8	185.1	190.4	171.4	180.0	188.1	225.8	235.3	250.7

1/ Includes programs of the Farmer Cooperative Service for fiscal years 1970-76

2/ Fiscal year 1979 was the first year in which Congress appropriated funds to the Agricultural Marketing Service. Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ Includes the former Agriculture Research Service of the Science and Education Administration for fiscal years 1978-80

4/ Includes former Cooperative State Research Service of the Science and Education Administration for fiscal years 1978-80

5/ In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

6/ In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

7/ In 1977 the Energy Research and Development Administration became part of the Department of Energy.

8/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

9/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

10/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

11/ As of 1985 the Office of Water Research and Technology has been combined with the Geological Survey.

12/ The Bureau of Prisons was formerly listed as Federal Prison System.

13/ In 1984 the Labor-Management Services Administration was replaced by Labor-Management Relations and Cooperative Programs.

14/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

15/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

16/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

17/ Agency for International Development (AID) became separate from the Department of State in 1979. AID includes programs of the International Development Cooperative Agency for fiscal years 1979-81.

18/ As of 1985 the National Archives and Records Administration is separate from the General Services Administration.

19/ Data reported for the US Information Agency include funds for the former International Communication Agency for fiscal years 1977-81.

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-145. Federal outlays for R&D plant, by agency: fiscal years 1973-83

[Dollars in millions]

Page 1 of 1

Agency and subdivision	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total, all agencies	638.4	704.6	829.7	800.6	800.2	1,107.8	1,202.8	1,481.7	1,606.7	1,376.1	1,299.9
Departments:											
Dept of Agriculture, total	8.6	5.9	7.9	8.8	22.5	18.6	21.7	27.7	39.0	21.3	32.8
Department of Commerce, total	5.8	11.9	10.5	7.8	5.7	3.5	1.9	4.8	1.3	1.0	.7
Department of Defense, total	157.0	164.9	152.9	144.2	125.6	312.6	235.8	204.7	238.5	231.7	267.7
Department of the Army	46.0	31.4	30.0	20.6	14.8	6.8	2.1	7.6	8.9	13.5	21.5
Department of the Navy	32.5	47.5	47.8	59.3	63.6	49.1	52.9	90.9	92.2	125.3	136.7
Department of the Air Force	55.4	68.2	54.5	57.1	40.0	250.1	164.9	103.0	130.0	67.7	103.7
Defense agencies	23.0	17.7	20.6	7.2	7.2	6.6	15.9	3.2	7.4	25.2	5.8
Dept of Energy, total 1/ 2/	NA	NA	NA	NA	427.1	481.3	653.5	962.8	1,084.5	943.3	824.5
Department of Health, Education, & Welfare, total	62.7	33.3	85.9	52.4	45.6	68.0	NA	NA	NA	NA	NA
Department of Health & Human Services, total	NA	NA	NA	NA	NA	NA	73.4	76.9	42.6	36.8	26.5
Dept of the Interior, total	16.7	2.0	2.4	.8	4.4	7.7	9.0	8.7	4.1	1.3	2.4
Department of State, total	.6	.2	.3	1.2	4.0	.1	.0	.0	.0	.0	.0
Dept of Transportation, total	25.0	35.4	14.7	12.1	17.5	13.2	16.2	16.3	16.2	13.0	9.9
Dept of the Treasury, total	-	-	-	.1	.1	-	-	-	.1	.1	.1
Department of Veterans Affairs	7.8	5.3	2.2	11.8	5.9	9.7	2.8	4.2	6.5	2.9	10.6
Other agencies:											
Atomic Energy Commission	261.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Agcy for Internat'l Dvlpmt 3/	NA	NA	NA	NA	NA	NA	4.5	6.6	6.2	10.3	12.3
Energy Rsch & Dvlpmt Admin 2/	NA	336.1	411.2	364.2	NA	NA	NA	NA	NA	NA	NA
Environmental Protection Agency	3.0	10.9	11.3	6.7	1.6	2.2	2.4	.0	.0	.0	.0
Nat'l Aeronautics & Space Admin	44.7	75.1	85.3	120.9	105.0	124.3	132.7	140.3	146.9	112.2	108.1
National Science Foundation	43.1	14.0	29.1	50.1	25.1	38.0	29.4	17.6	12.7	1.5	2.9
Nuclear Regulatory Commission	NA	3.8	2.6	3.5	6.1	6.2	8.0	7.4	7.3	.0	.0
All other agencies	2.3	5.8	13.2	16.0	4.0	22.3	11.5	3.7	.8	.6	1.5

1/ In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

2/ In 1977 the Energy Research and Development Administration became part of the Department of Energy.

3/ Agency for International Development (AID) became separate from the Department of State in 1979. AID includes programs of the International Development Cooperative Agency for fiscal years 1979-81.

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-145a. Federal outlays for R&D plant, by agency: fiscal years 1984-94

[Dollars in millions]

Page 1 of 1

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Total, all agencies	1,639.2	1,688.9	1,481.2	1,602.4	1,817.2	2,026.1	2,015.8	2,546.1	2,784.5	3,543.8	3,585.4
Departments:											
Dept of Agriculture, total	29.2	34.3	35.0	71.1	78.5	92.3	124.2	80.1	136.8	162.8	134.2
Department of Commerce, total	9.2	4.3	7.4	4.2	10.9	9.1	14.7	15.5	21.3	29.6	19.7
Department of Defense, total	380.1	401.7	280.6	357.3	416.2	415.6	436.8	433.7	410.9	479.3	372.5
Department of the Army	34.4	53.4	55.0	60.7	61.8	39.7	46.8	65.0	22.0	18.0	24.0
Department of the Navy	150.3	143.8	130.7	65.0	78.8	84.5	101.2	87.0	111.0	70.0	50.0
Department of the Air Force	191.2	199.8	89.1	194.3	207.5	199.7	200.2	218.2	186.3	238.2	173.5
Defense agencies	4.2	4.7	5.8	37.4	68.1	91.8	88.6	63.5	91.6	153.1	125.0
Department of Education, total	.0	.0	.8	15.8	11.1	2.3	2.8	2.6	2.5	12.7	3.0
Dept of Energy, total 1/ 2/	916.1	855.3	725.8	721.3	779.0	838.3	856.9	1,099.8	1,198.0	1,415.4	1,722.3
Department of Health & Human Services, total	34.6	42.6	32.7	31.5	30.7	56.0	55.1	194.8	96.7	375.6	232.2
Dept of the Interior, total	5.2	4.2	6.1	4.8	5.1	6.8	10.5	20.7	17.8	20.7	13.0
Department of Justice, total	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0
Dept of Transportation, total	12.9	14.1	15.5	11.2	11.1	12.9	16.7	18.4	17.1	25.1	31.0
Dept of the Treasury, total	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2
Department of Veterans Affairs	4.6	7.6	3.9	3.7	4.6	1.5	12.4	8.2	5.5	6.5	8.6
Other agencies:											
Agcy for Internat'l Dvlpmt 3/	11.4	12.8	14.0	14.4	12.6	.0	.0	.0	.0	.0	.0
Nat'l Aeronautics & Space Admin	191.9	246.8	299.1	313.9	398.7	531.3	437.9	603.8	770.2	836.7	874.7
National Science Foundation	43.0	64.0	57.3	49.9	56.7	56.7	38.1	56.5	80.9	162.6	168.6
All other agencies	.8	1.2	2.8	3.0	2.1	3.0	9.5	11.7	26.7	16.9	5.5

1/ In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

2/ In 1977 the Energy Research and Development Administration became part of the Department of Energy.

3/ Agency for International Development (AID) became separate from the Department of State in 1979. AID includes programs of the International Development Cooperative Agency for fiscal years 1979-81.

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-146. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1973-83

[Dollars in millions]

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Agency and subdivision	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total, all agencies	17,574.5	18,176.5	19,859.5	21,616.4	24,817.6	27,140.8	29,620.6	31,386.1	34,589.6	37,822.4	40,009.6
Departments:											
Dept of Agriculture, total	369.4	387.5	427.9	478.6	559.9	645.9	685.7	744.5	794.7	818.7	881.5
Agricultural Coop Svc 1/	1.2	1.4	1.2	1.2	.0	.0	.0	1.6	1.7	1.7	2.1
Agricultural Marketing Svc 2/	NA	NA	NA	NA	NA	NA	1.0	1.3	1.1	1.2	1.4
Agricultural Research Svc 3/	201.2	208.3	221.6	255.3	310.1	347.5	365.0	405.0	411.6	426.0	466.8
Cooperative State Rsch Svc 4/	89.4	89.4	101.1	113.4	127.3	157.4	172.6	184.2	199.4	219.0	242.3
Economics, Stat & Coop Svc 5/	NA	NA	NA	NA	30.5	32.7	35.5	NA	NA	NA	NA
Economic Research Svc	16.9	18.1	21.3	24.0	NA	NA	NA	NA	39.3	39.3	38.8
Economics & Statistics Svc 6/	NA	NA	NA	NA	NA	NA	NA	31.1	NA	NA	NA
Forest Service	59.6	69.6	81.5	82.8	92.1	108.3	111.0	115.2	129.3	112.5	108.1
Human Nutrition Info Svc	NA	NA	NA	NA	NA	NA	NA	NA	.0	8.5	8.2
Nat'l Agricultural Library	.3	.1	-	-	NA	NA	NA	NA	NA	NA	NA
Nat'l Agricultural Stat Svc	.7	.6	1.2	1.9	NA	NA	NA	NA	7.5	7.0	7.6
Office of International Cooperation & Development	NA	NA	NA	NA	NA	NA	.0	5.3	3.9	2.6	5.3
Office of Transportation 2/	NA	NA	NA	NA	NA	NA	.7	.8	.9	.9	.8
Department of Commerce, total	198.5	192.2	224.9	235.5	251.8	287.7	311.8	347.2	329.3	337.3	335.7
Bureau of the Census	1.0	1.0	1.0	2.5	2.6	3.4	3.1	3.2	3.9	3.8	4.3
Economic Development Admin	6.3	4.1	10.3	15.1	15.0	38.5	43.1	32.3	28.1	9.6	5.3
Maritime Administration 7/	25.9	25.9	23.9	21.2	19.7	20.6	20.5	19.9	NA	NA	NA
Minority Business Dvlpmt Agcy	2.1	1.0	4.6	2.0	3.4	.0	.0	.0	.0	.0	.0
National Fire Prevention & Control Administration	.0	.0	3.6	6.4	6.6	NA	NA	NA	NA	NA	NA
National Institute of Standards & Technology	38.9	41.1	44.6	47.9	53.9	59.1	69.3	76.4	83.0	89.9	95.7
National Oceanic & Atmospheric Administration	119.3	117.0	135.1	139.1	147.2	163.7	171.2	203.6	202.2	222.0	222.0
National Telecommunications & Information Administration	NA	NA	NA	NA	2.9	1.8	4.1	10.7	10.9	11.3	8.3
Office of Telecommunications	3.5	1.6	1.3	.9	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	.0	.0	.0	.0	.0	.0	.1	.6	.0	-	-
Patent & Trademark Office	.6	.5	.5	.4	.5	.5	.5	.5	1.1	.7	.0
US Travel & Tourism Admin	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Department of Defense, total	8,550.6	8,589.5	9,179.6	9,798.1	11,409.0	11,786.2	12,776.4	14,189.2	16,786.3	20,913.1	23,305.3
Department of the Army	2,030.7	2,042.0	1,920.7	2,026.0	2,458.2	2,556.5	2,772.5	2,993.8	3,257.0	3,785.2	4,024.4
Department of the Navy	2,690.5	2,772.6	3,162.8	3,373.8	3,878.6	4,046.7	4,403.1	4,789.3	5,103.9	6,001.0	6,209.9
Department of the Air Force	3,344.1	3,283.9	3,573.1	3,799.6	4,381.1	4,422.4	4,693.1	5,319.0	7,128.8	9,442.6	10,951.3
Defense agencies	457.1	464.1	497.4	573.9	659.5	724.5	878.4	1,049.2	1,255.6	1,643.3	2,058.1
Defense Civil Preparedness Agency	3.2	2.7	1.7	.7	1.3	7.5	NA	NA	NA	NA	NA
Test & Evaluation, Deputy Under Secretary Defense	25.1	24.2	23.9	24.1	30.2	28.6	29.3	37.9	41.1	41.0	61.6
Department of Education	NA	NA	NA	NA	NA	NA	166.3	139.4	104.9	128.0	111.7
Department of Energy 8/ 9/	NA	NA	NA	NA	4,097.2	4,935.5	5,483.2	5,777.8	5,896.4	5,622.2	5,294.4

See explanatory information, if any, and SOURCE at end of table.

Table C-146. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1973-83

[Dollars in millions]

Page 2 of 4

Agency and subdivision	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Department of Health, Education, & Welfare, total	1,879.1	2,331.0	2,436.5	2,616.7	2,955.9	3,281.5	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	122.2	155.6	139.4	139.5	153.0	180.2	NA	NA	NA	NA	NA
Centers for Disease Control	38.6	44.9	42.6	49.6	55.3	60.1	NA	NA	NA	NA	NA
Food & Drug Administration	30.4	44.0	36.6	38.0	43.7	65.0	NA	NA	NA	NA	NA
Health Care Financing Admin	NA	NA	NA	NA	30.0	19.4	NA	NA	NA	NA	NA
Health Resources Admin	52.7	55.8	43.3	38.2	7.4	5.5	NA	NA	NA	NA	NA
Health Services Admin	13.2	12.5	17.3	17.5	17.7	18.2	NA	NA	NA	NA	NA
Nat'l Institute of Education	106.8	75.7	69.9	63.7	64.9	89.5	NA	NA	NA	NA	NA
Nat'l Institutes of Health	1,355.5	1,777.3	1,918.2	2,092.5	2,411.7	2,654.2	NA	NA	NA	NA	NA
Office of the Assistant Secretary for Education	.0	.0	.6	1.0	1.0	1.3	NA	NA	NA	NA	NA
Office of the Assistant Secretary for Health	.0	.0	.0	.0	32.2	36.2	NA	NA	NA	NA	NA
Office of Education	58.3	51.5	45.9	58.2	31.1	32.9	NA	NA	NA	NA	NA
Off of Human Development Svcs	28.8	53.0	64.3	61.9	76.8	75.8	NA	NA	NA	NA	NA
Office of Internat'l Health	.7	2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	.0	29.8	26.2	23.7	20.0	30.2	NA	NA	NA	NA	NA
Social & Rehabilitation Svc	53.5	8.9	9.6	18.6	NA	NA	NA	NA	NA	NA	NA
Social Security Admin	18.5	19.4	22.6	14.4	11.2	12.9	NA	NA	NA	NA	NA
Department of Health & Human Services, total	NA	NA	NA	NA	NA	NA	3,558.4	3,810.8	3,950.9	3,965.4	4,400.4
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA	NA	214.4	233.5	239.7	251.4	304.0
Centers for Disease Control	NA	NA	NA	NA	NA	NA	76.3	87.3	74.8	75.0	78.2
Food & Drug Administration	NA	NA	NA	NA	NA	NA	66.7	76.6	72.6	75.0	102.7
Health Care Financing Admin	NA	NA	NA	NA	NA	NA	31.8	45.7	38.6	29.1	30.2
Health Resources Admin	NA	NA	NA	NA	NA	NA	4.9	5.1	5.0	NA	NA
Health Resources & Services Administration	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.1	13.3
Health Svcs Administration	NA	NA	NA	NA	NA	NA	28.7	26.7	20.3	NA	NA
Human Development Services 10/	NA	NA	NA	NA	NA	NA	57.1	49.3	73.7	27.2	23.4
Nat'l Institutes of Health 11/	NA	NA	NA	NA	NA	NA	3,000.8	3,211.2	3,355.5	3,452.6	3,806.8
Office of the Assistant Secretary for Health 12/	NA	NA	NA	NA	NA	NA	34.6	29.9	33.1	16.1	16.6
Office of the Secretary	NA	NA	NA	NA	NA	NA	24.7	24.0	19.5	13.4	14.4
Social Security Admin	NA	NA	NA	NA	NA	NA	18.3	21.4	18.0	15.5	10.8
Dept of Housing & Urban Dvlpmt	57.8	64.8	62.0	67.6	52.1	69.7	67.9	56.0	48.1	28.9	32.1
Dept of the Interior, total	265.8	194.5	307.2	339.1	319.7	374.0	410.8	418.8	430.6	382.4	384.9
Bonneville Power Admin 8/	3.0	2.5	6.1	7.1	.0	.0	.0	.0	14.4	NA	NA
Bureau of Land Management	.7	.7	.8	.7	.9	1.2	1.3	1.7	1.9	5.3	3.9
Bureau of Mines	77.5	66.1	107.6	131.3	105.3	121.1	121.3	114.4	97.4	94.8	88.6
Bureau of Reclamation	9.7	7.4	7.8	8.3	9.9	11.2	12.2	14.1	14.3	10.1	10.0
Geological Survey 13/	67.3	66.6	106.6	110.3	117.5	133.7	145.6	146.3	169.8	152.6	158.4
Heritage Conservation & Recreation Service	-	-	-	-	-	NA	NA	NA	NA	NA	NA
Minerals Management Service	NA	NA	NA	NA	NA	NA	NA	NA	NA	.0	1.5
National Park Service	1.5	2.5	8.4	9.3	7.8	7.7	8.9	8.2	10.4	11.2	13.7
Office of Coal Research	46.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	21.3	.5	1.7	1.0	4.5	1.7	1.4	2.2	1.5	.5	7.4
Office of Surface Mining Reclamation & Enforcement	NA	NA	NA	NA	.0	2.2	5.0	7.8	5.8	1.5	1.5
Off of Water Rsch & Tech 13/	13.3	22.8	19.5	19.0	16.0	28.0	28.0	30.0	21.8	12.3	2.2
Off of Water Resources Rsch	13.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
US Fish & Wildlife Service	24.9	25.5	48.8	52.0	57.7	67.2	87.1	94.1	93.3	94.2	97.7

See explanatory information, if any, and SOURCE at end of table.

Table C-146. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1973-83

[Dollars in millions]

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Agency and subdivision	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Department of Justice, total	33.2	34.7	44.3	33.9	27.7	60.9	43.0	41.5	26.5	26.7	31.4
Bureau of Prisons 14/	.5	.5	.6	.8	1.1	3.6	3.4	2.1	2.5	1.7	1.7
Drug Enforcement Admin	1.6	5.0	1.5	2.5	3.0	1.9	2.4	2.7	1.3	3.2	2.5
Fed Bureau of Investigation	.7	1.9	1.2	1.2	1.4	1.8	3.1	1.4	.7	2.7	2.5
Immigration & Naturalization Service	.0	.0	.1	.1	.3	.4	.2	.3	.1	.6	.6
Office of Justice Programs	30.4	27.3	40.9	29.2	21.8	51.6	32.2	33.2	21.0	18.0	23.8
Office of Legal Policy	.0	.0	.0	.0	.0	1.6	1.7	1.8	.8	.4	.3
Department of Labor, total	19.9	23.8	25.4	28.5	29.6	97.8	137.0	138.1	62.2	25.4	19.9
Bureau of Labor Statistics	1.0	1.7	1.8	1.3	1.4	1.2	.9	.9	.3	.3	.7
Employment Standards Admin	1.3	.9	3.2	4.3	4.4	3.7	5.3	4.9	3.2	1.4	1.4
Employment & Training Admin	14.6	16.1	15.5	17.5	16.8	86.6	120.8	121.7	52.4	16.1	9.0
Labor-Management Services Administration 15/	.9	1.2	.8	.7	3.3	2.8	3.2	2.8	1.8	.7	.9
Occupational Safety & Health Administration	.9	1.4	2.0	2.9	3.4	1.3	5.1	6.3	3.0	4.9	5.3
Office of the Secretary	1.2	2.5	2.0	1.8	.2	2.2	1.6	1.4	1.1	.9	1.5
Pension Benefit Guaranty Corporation	NA	NA	NA	NA	NA	NA	NA	NA	.5	1.1	1.1
Department of State, total	26.6	22.9	27.9	44.5	77.6	85.4	3.2	2.2	1.8	1.5	1.5
Agcy for Internat'l Dvlpmt 16/	25.1	21.4	26.7	42.9	75.3	82.6	NA	NA	NA	NA	NA
Departmental funds	1.5	1.5	1.2	1.6	2.3	2.8	3.2	2.2	1.8	.0	.0
Dept of Transportation, total	348.9	383.2	324.8	308.7	377.1	422.4	392.7	384.5	434.5	322.0	369.6
Coast Guard	44.8	26.6	16.5	12.8	19.5	24.4	21.1	18.0	26.3	20.0	19.6
Federal Aviation Admin	81.0	125.4	109.0	100.1	106.4	111.5	120.4	108.8	128.9	99.4	147.6
Federal Highway Admin	23.7	41.2	45.1	29.3	55.9	52.1	53.5	58.3	51.2	40.3	50.4
Federal Railroad Admin	46.9	37.4	39.4	60.5	58.5	65.7	56.1	56.4	46.1	24.5	16.5
Federal Transit Admin 17/	74.4	69.2	49.4	48.8	61.6	69.6	58.0	54.4	78.2	61.4	57.0
Maritime Administration 7/	NA	NA	NA	NA	NA	NA	NA	NA	14.2	11.1	15.0
National Highway Traffic Safety Administration	54.6	53.6	34.0	31.4	47.2	66.5	56.8	63.8	66.4	55.9	52.5
Office of the Secretary	23.6	29.7	31.3	25.8	28.0	31.7	11.7	10.8	10.1	3.3	4.9
Rsch & Special Programs Admin	NA	NA	NA	NA	.0	.9	15.0	14.0	13.1	6.1	6.2
Dept of the Treasury, total	1.0	1.1	1.7	3.8	4.9	9.9	9.6	12.1	11.4	13.4	15.6
Bureau of Alcohol, Tobacco, & Firearms	.0	.0	.0	.0	1.1	2.0	2.5	1.6	.3	NA	NA
Bureau of Engraving & Printing	1.0	1.1	1.7	2.8	2.5	3.7	2.1	2.3	2.7	4.8	3.9
Internal Revenue Service 18/	.0	.0	.0	.0	.0	2.4	3.6	4.0	4.2	5.4	8.0
United States Customs Svc	.0	.0	.0	1.1	1.3	1.8	1.4	3.9	3.5	3.2	3.4
United States Secret Svc 19/	NA	NA	NA	NA	NA	NA	NA	.4	.6	.0	.3
Department of Veterans Affairs	84.6	86.9	97.0	109.5	112.9	118.1	132.1	137.8	159.2	140.1	171.9
Other agencies:											
Action	.0	.2	.2	.1	.5	1.6	1.6	.0	.0	.0	.0
Advisory Commission on Intergovernmental Relations	.9	1.1	1.2	1.0	1.5	1.7	1.7	2.2	2.2	2.0	2.1
Agcy for Internat'l Dvlpmt 16/	NA	NA	NA	NA	NA	NA	112.9	155.6	142.2	205.9	232.0
Appalachian Regional Commission	NA	NA	NA	.7	.7	.5	.9	.8	.4	.4	.2
Atomic Energy Commission	1,712.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Civil Service Commission	2.4	3.1	4.4	4.0	3.9	NA	NA	NA	NA	NA	NA
Community Services Admin	NA	21.7	23.1	10.2	24.0	24.3	20.7	30.3	18.3	NA	NA
Consumer Product Safety Comm	.3	4.3	7.9	5.8	6.7	4.1	6.6	6.2	.5	.2	.5
Energy Rsch & Dvlpmt Admin 9/	NA	1,881.6	2,439.9	2,902.6	NA	NA	NA	NA	NA	NA	NA
Environmental Protection Agency	205.1	170.5	259.7	265.4	297.6	389.3	412.5	345.0	325.7	335.1	240.7
Federal Communications Comm	1.1	.9	1.1	1.5	2.0	2.4	2.9	3.4	1.8	1.2	1.3
Federal Emergency Management Agency	NA	NA	NA	NA	NA	7.0	12.6	11.8	11.6	9.2	3.3
Federal Energy Administration	NA	.0	1.3	3.0	NA	NA	NA	NA	NA	NA	NA
Federal Home Loan Bank Board 20/	.5	.7	.7	.8	1.7	1.0	.9	1.2	1.0	2.7	3.0
Federal Trade Commission	.7	.9	.9	.9	1.1	1.4	1.5	3.0	1.1	1.2	1.4

See explanatory information, if any, and SOURCE at end of table.

Table C-146. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1973-83

[Dollars in millions]

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Agency and subdivision	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
General Services Admin 21/	0.5	1.8	1.8	1.1	0.9	2.7	0.5	0.2	0.6	1.0	0.5
Interstate Commerce Commission	.0	.0	.0	.1	.1	.3	.2	.1	.0	.0	.0
Library of Congress	2.6	2.2	2.6	3.0	3.8	4.9	5.9	6.9	4.9	5.7	7.4
National Aeronautics & Space Administration	3,130.2	3,100.5	3,207.1	3,529.0	3,286.9	3,495.6	3,725.9	3,393.2	3,708.9	3,191.6	2,762.9
National Science Foundation	537.0	568.1	618.1	661.8	724.1	788.5	838.1	900.5	976.2	976.8	1,065.2
Nuclear Regulatory Commission	NA	46.1	67.2	98.1	119.4	140.8	157.4	190.4	227.3	220.3	207.3
Office of Economic Opportunity	87.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of Personnel Management	NA	NA	NA	NA	NA	4.5	6.0	6.8	8.4	.0	.0
Office of Telecomm Policy	.6	.3	4.1	4.6	NA	NA	NA	NA	NA	NA	NA
Office of Thrift Supervision 20/	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Small Business Administration	.0	.0	.2	.1	.5	.0	.0	.0	.0	.0	.0
Smithsonian Institution	24.1	25.2	25.2	26.2	29.8	35.1	37.9	41.9	45.3	52.9	57.0
Special Action Office for Drug Abuse Prevention	12.0	11.1	3.8	NA	NA	NA	NA	NA	NA	NA	NA
Tennessee Valley Authority	18.8	22.9	28.8	28.9	30.2	53.4	89.2	80.7	69.3	85.3	63.3
United States Arms Control & Disarmament Agency	2.0	1.1	1.0	1.4	2.2	3.6	3.5	3.8	2.4	1.9	1.0
US Information Agency 22/	.1	.1	.1	.1	.1	.1	.1	.1	1.5	.1	-
US Internat'l Trade Commission	.0	.0	.0	1.5	2.6	3.1	3.4	2.1	3.4	3.8	4.7

1/ Includes programs of the Farmer Cooperative Service for fiscal years 1970-76

2/ Fiscal year 1979 was the first year in which Congress apprppriated funds to the Agricultural Marketing Service. Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ Includes the former Agriculture Research Service of the Science and Education Administration for fiscal years 1978-80

4/ Includes former Cooperative State Research Service of the Science and Education Administration for fiscal years 1978-80

5/ Includes programs of the Economic Research Service, the Statistical Reporting Service, and the Farmer Cooperative Service for fiscal years 1977-79

6/ Includes programs of the Economic Research Service and the Statistical Reporting Service for fiscal year 1980

7/ In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

8/ In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

9/ In 1977 the Energy Research and Development Administration became part of the Department of Energy.

10/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

11/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

12/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

13/ As of 1985 the Office of Water Research and Technology has been combined with the Geological Survey.

14/ The Bureau of Prisons was formerly listed as Federal Prison System.

15/ In 1984 the Labor-Management Services Administration was replaced by Labor-Management Relations and Cooperative Programs.

16/ Agency for International Development (AID) became separate from the Department of State in 1979. AID includes programs of the International Development Cooperative Agency for fiscal years 1979-81.

17/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

18/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

19/ Formerly listed as Office of Protective Research

20/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

21/ As of 1985 the National Archives and Records Administration is separate from the General Services Administration.

22/ Data reported for the US Information Agency include funds for the former International Communication Agency for fiscal years 1977-81.

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-146a. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1984-94

[Dollars in millions]

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Agency and subdivision	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Total, all agencies	44,012.1	50,180.4	52,951.2	57,099.7	58,826.5	63,571.6	65,831.2	64,148.0	68,577.2	75,303.4	74,435.9
Departments:											
Dept of Agriculture, total	905.4	983.6	1,007.9	1,059.6	1,151.8	1,127.5	1,210.6	1,381.3	1,491.8	1,528.0	1,462.4
Agricultural Coop Svc 1/	2.2	2.9	2.6	2.7	2.7	2.8	2.7	2.8	3.4	3.5	3.6
Agricultural Marketing Svc 2/	1.5	1.7	1.6	1.5	1.6	1.5	2.7	4.2	4.7	4.9	4.9
Agricultural Research Svc 3/	460.1	498.7	532.6	522.4	561.2	578.7	589.9	655.7	725.2	749.6	727.1
Animal & Plant Health Inspection Service	.0	.0	4.2	4.9	6.2	7.7	14.0	15.7	16.7	16.8	19.4
Cooperative State Rsch Svc 4/	245.7	294.3	278.6	338.3	374.7	339.4	371.1	438.3	481.2	487.7	416.5
Economic Research Svc	43.7	46.4	44.6	44.8	48.1	49.5	50.5	54.4	58.9	58.9	51.5
Federal Grain Inspection Svc	.0	.9	1.0	1.2	1.0	1.1	.6	.7	1.5	1.2	1.0
Forest Service	108.8	114.8	114.0	127.1	138.4	133.0	163.5	193.1	184.3	191.7	220.2
Human Nutrition Info Svc	6.0	6.7	12.8	6.8	8.2	8.4	9.0	9.9	10.7	8.5	13.1
Nat'l Agricultural Stat Svc	8.2	8.4	8.0	3.4	3.6	2.9	2.8	3.2	3.6	3.6	3.7
Office of International Cooperation & Development	8.2	7.7	7.0	5.6	5.0	2.5	3.6	3.1	1.5	1.5	1.6
Office of Transportation 2/	1.0	1.2	1.0	1.1	1.1	NA	NA	NA	NA	NA	NA
Department of Commerce, total	367.6	403.0	408.4	407.5	400.2	407.0	453.5	505.4	672.2	867.2	975.9
Bureau of the Census	4.4	4.9	4.7	4.7	5.7	4.9	6.9	6.6	5.3	5.1	5.2
Economic Development Admin	5.1	13.0	10.3	5.0	4.2	1.0	1.2	1.4	.5	.0	.5
National Institute of Standards & Technology	104.9	104.7	108.5	100.7	118.7	124.2	131.0	148.4	190.2	378.1	450.3
National Oceanic & Atmospheric Administration	244.3	269.8	276.2	289.3	263.5	269.1	306.7	345.3	472.2	479.9	514.7
National Telecommunications & Information Administration	8.7	9.1	8.4	7.8	8.1	7.8	7.7	3.6	4.0	4.1	5.2
Office of the Secretary	.1	1.4	.3	-	.0	.0	.0	.0	.0	.0	.0
Department of Defense, total	25,902.1	30,322.4	33,224.1	35,708.7	35,684.6	38,076.2	37,755.5	32,560.5	36,526.0	39,505.4	37,783.4
Department of the Army	4,281.7	4,623.7	4,863.3	5,085.2	4,898.8	5,704.5	5,737.2	6,172.5	6,876.2	6,423.6	5,644.3
Department of the Navy	7,779.0	9,309.5	9,747.9	9,576.8	9,588.9	9,755.7	9,646.6	7,860.0	8,126.8	10,241.0	9,440.0
Department of the Air Force	12,377.0	13,552.2	13,723.9	15,618.0	15,011.0	15,487.6	15,153.6	11,089.8	13,606.8	14,138.5	14,100.6
Defense agencies	1,405.7	2,786.3	4,771.9	5,291.8	5,957.3	6,973.3	6,996.8	7,200.9	7,670.5	8,448.7	8,315.3
Operational Test & Evaluation, Director	NA	NA	.0	8.4	68.2	14.4	32.6	13.6	12.4	12.0	12.6
Test & Evaluation, Deputy Under Secretary Defense	58.6	50.6	117.1	128.5	160.3	140.7	168.7	223.7	233.2	241.6	270.6
Department of Education	115.7	126.0	127.9	153.5	145.9	161.0	178.8	175.2	170.9	178.9	187.4
Department of Energy 5/ 6/	5,526.0	5,834.4	5,430.6	5,529.4	5,951.4	6,065.6	6,546.6	7,203.2	7,493.0	8,010.3	8,053.4

See explanatory information, if any, and SOURCE at end of table.

Table C-146a. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1984-94

[Dollars in millions]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Department of Health & Human Services, total	4,861.8	5,493.2	5,695.5	6,643.0	7,177.6	7,981.4	8,513.4	9,842.3	9,084.6	10,719.3	10,881.7
Administration on Aging 7/	NA	NA	NA	NA	NA	NA	NA	20.6	20.2	19.7	20.3
Administration for Children & Families 7/ 8/	NA	NA	NA	NA	NA	NA	.0	129.0	39.2	21.1	18.5
Agency for Health Care Policy & Research 9/	NA	NA	NA	NA	NA	NA	49.7	101.1	106.3	114.8	144.8
Alcohol, Drug Abuse, & Mental Health Administration	337.5	377.9	396.6	476.1	554.8	695.7	842.7	1,460.6	.0	.0	.0
Centers for Disease Control	46.3	47.6	52.2	66.2	88.7	117.8	95.6	113.4	146.9	149.5	183.1
Food & Drug Administration	80.8	95.1	87.4	85.8	91.5	122.0	122.0	143.5	150.0	173.1	180.8
Health Care Financing Admin	33.1	33.5	29.0	27.3	28.2	49.1	49.1	69.1	75.5	68.7	68.6
Health Resources & Services Administration	18.5	19.7	12.3	9.3	10.0	10.5	11.9	11.0	10.5	11.2	11.6
Human Development Services 7/	18.3	24.3	54.6	53.0	54.0	101.7	95.4	NA	NA	NA	NA
Nat'l Institutes of Health 10/	4,285.2	4,856.5	5,034.5	5,886.2	6,309.9	6,833.8	7,221.3	7,763.4	8,491.4	10,112.0	10,204.0
Office of the Assistant Secretary for Health 9/	18.1	18.6	17.3	21.2	21.0	27.2	6.9	10.0	6.7	1.0	7.0
Office of the Secretary	10.4	9.6	6.1	8.2	4.7	7.8	5.0	8.8	5.0	8.0	15.9
Social Security Admin	13.5	10.4	5.6	9.8	14.7	15.8	13.9	11.9	33.0	40.1	27.1
Dept of Housing & Urban Dvlpmt	18.2	18.5	15.3	16.3	18.4	18.0	19.3	27.8	25.1	26.4	35.5
Dept of the Interior, total	416.1	395.9	389.6	415.7	426.1	479.8	522.6	615.1	627.6	633.2	606.6
Bureau of Land Management	3.8	4.4	3.4	3.7	3.7	3.0	2.8	8.8	6.3	8.9	7.3
Bureau of Mines	108.8	89.9	84.4	88.8	91.3	101.2	102.3	108.2	107.1	116.1	90.8
Bureau of Reclamation	10.4	13.2	10.2	10.7	4.4	4.2	5.8	8.7	13.2	9.7	7.6
Geological Survey 11/	209.9	215.7	219.5	227.6	236.9	281.1	309.7	359.8	365.7	358.8	378.2
Minerals Management Service	1.5	1.4	1.1	1.0	1.2	2.2	2.0	2.9	4.8	6.0	6.0
National Park Service	14.0	15.0	17.3	18.5	19.4	19.4	20.1	27.5	31.1	32.0	7.7
Office of the Secretary	.1	1.9	1.0	.0	.4	.4	.2	.6	.9	.9	.9
Office of Surface Mining Reclamation & Enforcement	.8	2.0	2.3	1.0	1.0	.7	.7	1.0	.3	.4	.0
Off of Water Rsch & Tech 11/	3.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
US Fish & Wildlife Service	63.3	52.4	50.5	64.3	67.8	67.5	78.9	97.6	98.2	100.4	108.0

See explanatory information, if any, and SOURCE at end of table.

Table C-146a. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1984-94

[Dollars in millions]

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Agency and subdivision	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Department of Justice, total	24.5	36.0	36.5	53.5	43.1	38.2	40.5	48.9	48.0	45.9	45.8
Bureau of Prisons 12/	1.6	1.5	3.0	7.1	6.0	5.1	4.5	5.2	5.9	6.1	6.0
Drug Enforcement Admin	1.9	1.6	2.5	2.2	2.5	2.7	2.4	2.7	1.4	.8	1.8
Fed Bureau of Investigation	1.0	9.5	7.2	19.1	12.7	7.7	8.2	10.8	10.9	10.7	10.7
Immigration & Naturalization Service	.6	.4	.4	.4	.3	.1	.4	.4	.4	.4	.4
Office of Justice Programs	19.5	22.7	23.2	24.6	21.5	22.5	25.0	29.8	29.4	27.9	26.9
Office of Legal Policy	.0	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0
Department of Labor, total	16.3	13.3	10.4	21.6	35.6	35.4	73.0	44.0	51.7	65.3	65.6
Bureau of Labor Statistics	.5	.6	.6	6.5	7.0	7.0	7.3	7.5	7.6	6.9	7.0
Employment Standards Admin	.9	-	.0	1.0	.1	.1	.1	.0	.0	.0	.0
Employment & Training Admin	6.1	3.5	3.5	5.7	14.9	15.7	53.4	22.1	31.7	45.7	45.7
Labor-Management Relations & Cooperative Programs 13/	.3	.3	.2	.3	.4	.3	.0	.0	NA	NA	NA
Occupational Safety & Health Administration	5.1	4.5	3.6	4.1	4.2	4.5	2.5	2.6	3.1	3.7	3.8
Office of the Secretary	1.9	2.6	2.1	2.7	6.1	6.1	7.1	8.7	5.9	5.5	5.5
Pension Benefit Guaranty Corporation	.3	.2	.1	.3	.3	.3	.5	.5	.9	.8	1.0
Pension & Welfare Benefit Administration	1.2	1.6	.3	1.0	2.7	1.4	2.1	2.5	2.6	2.6	2.6
Department of State, total	1.6	1.5	1.5	3.0	4.2	4.7	4.7	5.9	5.6	5.4	5.4
Departmental funds	.0	.0	.0	.0	.0	.0	.0	.0	5.6	5.4	5.4
Dept of Transportation, total	465.2	437.9	397.5	336.2	318.5	318.9	388.3	398.3	470.3	788.3	722.7
Coast Guard	19.5	19.0	16.9	17.0	21.4	17.9	20.6	25.9	20.5	35.8	25.0
Federal Aviation Admin	282.6	294.8	271.5	177.7	173.8	162.3	237.5	236.4	260.2	298.2	301.1
Federal Highway Admin	46.4	49.0	46.1	76.9	74.1	91.0	91.5	86.9	131.0	345.1	267.9
Federal Railroad Admin	19.2	15.0	15.4	11.2	10.4	9.0	10.2	17.6	22.8	38.3	62.4
Federal Transit Admin 14/	20.1	10.2	8.2	12.6	2.3	1.4	1.6	1.7	1.7	30.0	30.0
Maritime Administration 15/	9.9	13.9	9.4	5.8	.5	.0	.9	1.7	1.8	1.7	1.7
National Highway Traffic Safety Administration	57.4	28.6	22.9	28.4	28.3	29.7	16.9	21.4	25.8	31.6	27.0
Office of the Secretary	4.9	4.8	5.1	4.5	5.7	5.5	6.8	4.3	4.1	5.3	4.6
Rsch & Special Programs Admin	5.2	2.7	2.0	2.1	2.1	2.0	2.4	2.4	2.5	2.4	3.1
Dept of the Treasury, total	13.9	24.4	24.2	27.0	26.2	25.7	25.7	31.0	24.8	16.8	27.9
Bureau of Engraving & Printing	3.6	5.0	4.2	4.5	2.0	1.7	2.1	3.5	2.0	3.7	5.0
Financial Crimes Enforcement Network	.0	.0	.0	.0	.0	.0	.0	2.3	1.2	1.5	1.9
Internal Revenue Service 16/	8.2	15.9	14.2	14.6	14.4	14.4	16.8	17.9	17.9	5.8	14.3
Off of Thrift Supervision 17/	NA	NA	NA	NA	NA	NA	.0	3.0	.8	.8	.9
United States Customs Svc	1.9	2.3	4.9	7.1	9.3	6.9	6.3	3.8	2.3	3.3	5.0
United States Mint	.0	.6	.3	.2	.1	2.0	.1	.1	.0	1.1	.2
United States Secret Svc 18/	.2	.6	.5	.5	.4	.6	.5	.4	.6	.6	.6
Department of Veterans Affairs	196.4	229.9	191.0	215.4	234.8	245.7	241.0	220.0	229.6	252.0	216.3
Other agencies:											
Advisory Commission on Intergovernmental Relations	2.1	2.4	2.1	1.9	1.8	1.1	1.5	1.7	1.7	2.5	1.9
Agcy for Internat'l Dvlpmt 19/	245.0	227.2	258.7	224.3	210.6	279.1	334.6	377.7	365.9	381.0	421.6
Appalachian Regional Commission	.5	.2	.2	.1	.2	.8	.4	.7	1.9	.9	.9
Consumer Product Safety Comm	1.3	2.4	2.0	2.2	1.1	1.3	1.1	1.3	1.1	1.3	.4
Environmental Protection Agency	261.2	320.4	317.3	348.2	347.4	380.3	419.7	432.6	483.9	520.7	655.9
Federal Communications Comm	.9	1.2	.9	1.0	1.2	1.1	1.3	1.4	1.6	1.8	1.7
Federal Emergency Management Agency	11.5	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
Federal Home Loan Bank Board 17/	2.6	2.8	3.3	3.4	3.4	NA	NA	NA	NA	NA	NA
Federal Trade Commission	1.6	1.7	1.8	.5	.4	.4	.5	1.0	1.3	.8	.9

See explanatory information, if any, and SOURCE at end of table.

Table C-146a. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1984-94

[Dollars in millions]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
General Services Admin 20/	2.4	0.4	20.0	1.6	2.3	0.5	19.5	22.6	6.5	1.0	.0
Library of Congress	7.5	7.1	6.6	6.5	7.1	8.0	8.4	9.0	10.3	10.2	10.2
National Aeronautics & Space Administration	3,066.1	3,561.5	3,694.8	4,096.5	4,758.6	5,913.0	7,060.3	8,003.8	8,475.4	9,181.0	9,508.6
National Archives & Records Administration 20/	NA	.5	1.0	1.1	.7	.3	.4	.7	.7	.3	.3
National Science Foundation	1,248.0	1,419.1	1,406.5	1,531.8	1,589.6	1,724.0	1,728.8	1,944.8	1,970.0	2,210.5	2,402.3
Nuclear Regulatory Commission	190.7	150.0	123.8	122.5	108.5	114.8	108.8	108.8	119.0	119.7	122.1
Office of Thrift Supervision 17/	NA	NA	NA	NA	NA	4.1	4.1	NA	NA	NA	NA
Smithsonian Institution	63.8	72.7	64.0	74.4	75.8	83.6	88.8	99.5	101.8	105.0	105.9
Tennessee Valley Authority	68.3	80.0	78.3	78.2	87.7	62.8	69.8	73.1	100.5	109.6	117.2
United States Arms Control & Disarmament Agency	1.3	1.1	.9	4.6	3.4	2.8	.2	.4	2.1	1.0	1.0
US Information Agency 21/	1.4	.1	2.0	3.5	.4	.1	.5	.1	.0	1.2	.7
US Internat'l Trade Commission	5.0	5.8	6.9	7.2	8.1	8.7	9.1	9.9	12.3	12.5	14.3

1/ Includes programs of the Farmer Cooperative Service for fiscal years 1970-76

2/ Fiscal year 1979 was the first year in which Congress appropriated funds to the Agricultural Marketing Service. Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ Includes the former Agriculture Research Service of the Science and Education Administration for fiscal years 1978-80

4/ Includes former Cooperative State Research Service of the Science and Education Administration for fiscal years 1978-80

5/ In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

6/ In 1977 the Energy Research and Development Administration became part of the Department of Energy.

7/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

8/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

9/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

10/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

11/ As of 1985 the Office of Water Research and Technology has been combined with the Geological Survey.

12/ The Bureau of Prisons was formerly listed as Federal Prison System.

13/ In 1984 the Labor-Management Services Administration was replaced by Labor-Management Relations and Cooperative Programs.

14/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

15/ In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

16/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

17/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

18/ Formerly listed as Office of Protective Research

19/ Agency for International Development (AID) became separate from the Department of State in 1979. AID includes programs of the International Development Cooperative Agency for fiscal years 1979-81.

20/ As of 1985 the National Archives and Records Administration is separate from the General Services Administration.

21/ Data reported for the US Information Agency include funds for the former International Communication Agency for fiscal years 1977-81.

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-147. Federal obligations for research and development, by agency: fiscal years 1973-83

[Dollars in millions]

Page 1 of 4

Agency and subdivision	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total, all agencies	16,800.2	17,410.1	19,038.8	20,779.7	23,450.4	25,845.1	28,145.1	29,830.4	33,103.9	36,432.6	38,711.5
Departments:											
Dept of Agriculture, total	366.5	378.7	420.1	462.4	547.0	621.3	663.0	687.6	774.0	797.3	847.6
Agricultural Coop Svc 1/	1.2	1.4	1.2	1.2	.0	.0	.0	1.6	1.7	1.7	2.1
Agricultural Marketing Svc 2/	NA	NA	NA	NA	NA	NA	1.0	1.3	1.1	1.2	1.4
Agricultural Research Svc 3/	199.5	203.5	217.1	242.1	298.9	325.5	345.8	351.8	394.1	404.9	443.4
Cooperative State Rsch Svc 4/	89.4	89.4	101.1	113.4	127.3	157.4	172.6	184.2	199.4	219.0	232.3
Economics, Stat & Coop Svc 5/	NA	NA	NA	NA	30.5	32.7	35.5	NA	NA	NA	NA
Economic Research Svc	16.9	18.1	21.3	24.0	NA	NA	NA	NA	39.3	39.3	38.8
Economics & Statistics Svc 6/	NA	NA	NA	NA	NA	NA	NA	31.1	NA	NA	NA
Forest Service	58.4	65.5	78.2	79.9	90.3	105.6	107.5	111.5	126.1	112.1	107.7
Human Nutrition Info Svc	NA	NA	NA	NA	NA	NA	NA	NA	.0	8.5	8.2
Nat'l Agricultural Library	.3	.1	-	-	NA	NA	NA	NA	NA	NA	NA
Nat'l Agricultural Stat Svc	.7	.6	1.2	1.9	NA	NA	NA	NA	7.5	7.0	7.6
Office of International Cooperation & Development	NA	NA	NA	NA	NA	NA	.0	5.3	3.9	2.6	5.3
Office of Transportation 2/	NA	NA	NA	NA	NA	NA	.7	.8	.9	.9	.8
Department of Commerce, total	190.6	180.6	215.4	228.9	244.7	283.7	309.4	342.5	327.9	336.3	335.0
Bureau of the Census	1.0	1.0	1.0	2.5	2.6	3.4	3.1	3.2	3.9	3.8	4.3
Economic Development Admin	6.3	4.1	10.3	15.1	15.0	38.5	43.1	32.3	28.1	9.6	5.3
Maritime Administration 7/	23.8	23.1	22.9	19.0	14.8	19.6	19.6	19.4	NA	NA	NA
Minority Business Dvlpmt Agcy	2.1	1.0	4.6	2.0	3.4	.0	.0	.0	.0	.0	.0
National Fire Prevention & Control Administration	.0	.0	3.6	6.4	6.6	NA	NA	NA	NA	NA	NA
National Institute of Standards & Technology	36.8	40.2	43.2	47.4	53.2	58.3	67.8	76.2	82.5	88.8	95.0
National Oceanic & Atmospheric Administration	115.6	109.1	128.0	135.1	145.7	161.5	171.2	199.8	201.4	222.0	222.0
National Telecommunications & Information Administration	NA	NA	NA	NA	2.9	1.8	4.1	10.7	10.9	11.3	8.3
Office of Telecommunications	3.5	1.6	1.3	.9	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	.0	.0	.0	.0	.0	.0	.1	.6	.0	-	-
Patent & Trademark Office	.6	.5	.5	.4	.5	.5	.5	.5	1.1	.7	.0
US Travel & Tourism Admin	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Department of Defense, total	8,404.2	8,420.4	9,012.5	9,654.7	10,963.4	11,553.6	12,506.2	13,981.0	16,508.6	20,622.6	22,992.8
Department of the Army	2,013.6	2,009.9	1,896.7	2,013.7	2,441.9	2,548.9	2,768.7	2,980.0	3,244.2	3,760.5	3,998.1
Department of the Navy	2,654.8	2,718.5	3,100.2	3,328.0	3,817.4	3,998.4	4,335.0	4,706.1	5,006.0	5,845.1	6,068.2
Department of the Air Force	3,273.5	3,216.2	3,513.5	3,726.6	4,031.1	4,262.3	4,525.6	5,211.0	6,969.2	9,357.9	10,812.6
Defense agencies	434.1	448.9	476.5	561.6	641.4	707.9	847.6	1,046.0	1,248.2	1,618.1	2,052.3
Defense Civil Preparedness Agency	3.2	2.7	1.7	.7	1.3	7.5	NA	NA	NA	NA	NA
Test & Evaluation, Deputy Under Secretary Defense	25.1	24.2	23.9	24.1	30.2	28.6	29.3	37.9	41.1	41.0	61.6
Department of Education	NA	NA	NA	NA	NA	NA	166.3	139.4	104.9	128.0	111.7
Department of Energy 8/ 9/	NA	NA	NA	NA	3,536.2	4,244.8	4,638.8	4,753.7	4,918.2	4,708.2	4,536.7

See explanatory information, if any, and SOURCE at end of table.

Table C-147. Federal obligations for research and development, by agency: fiscal years 1973-83

[Dollars in millions]

Agency and subdivision	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Department of Health, Education, & Welfare, total	1,837.6	2,290.1	2,397.5	2,583.5	2,823.3	3,207.3	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	122.2	155.6	139.4	139.5	153.0	180.2	NA	NA	NA	NA	NA
Centers for Disease Control	38.6	44.9	42.6	49.6	55.3	60.1	NA	NA	NA	NA	NA
Food & Drug Administration	30.2	43.5	35.9	37.1	42.9	64.1	NA	NA	NA	NA	NA
Health Care Financing Admin	NA	NA	NA	NA	30.0	19.4	NA	NA	NA	NA	NA
Health Resources Admin	52.7	55.8	43.3	38.2	7.4	5.5	NA	NA	NA	NA	NA
Health Services Admin	13.2	12.5	17.3	17.5	17.7	18.2	NA	NA	NA	NA	NA
Nat'l Institute of Education	106.8	75.7	69.9	63.7	64.9	89.5	NA	NA	NA	NA	NA
Nat'l Institutes of Health	1,314.2	1,736.8	1,879.9	2,060.2	2,279.9	2,580.9	NA	NA	NA	NA	NA
Office of the Assistant Secretary for Education	.0	.0	.6	1.0	1.0	1.3	NA	NA	NA	NA	NA
Office of the Assistant Secretary for Health	.0	.0	.0	.0	32.2	36.2	NA	NA	NA	NA	NA
Office of Education	58.3	51.5	45.9	58.2	31.1	32.9	NA	NA	NA	NA	NA
Off of Human Development Svcs	28.8	53.0	64.3	61.9	76.8	75.8	NA	NA	NA	NA	NA
Office of Internat'l Health	.7	2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	.0	29.8	26.2	23.7	20.0	30.2	NA	NA	NA	NA	NA
Social & Rehabilitation Svc	53.5	8.9	9.6	18.6	NA	NA	NA	NA	NA	NA	NA
Social Security Admin	18.5	19.4	22.6	14.4	11.2	12.9	NA	NA	NA	NA	NA
Department of Health & Human Services, total	NA	NA	NA	NA	NA	NA	3,504.9	3,780.2	3,927.1	3,940.7	4,352.5
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA	NA	214.3	233.5	239.4	248.1	302.2
Centers for Disease Control	NA	NA	NA	NA	NA	NA	76.3	87.3	74.8	75.0	78.2
Food & Drug Administration	NA	NA	NA	NA	NA	NA	61.0	75.4	71.4	73.0	74.2
Health Care Financing Admin	NA	NA	NA	NA	NA	NA	31.8	45.7	38.6	29.1	30.2
Health Resources Admin	NA	NA	NA	NA	NA	NA	4.9	5.1	5.0	NA	NA
Health Resources & Services Administration	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.1	13.3
Health Svcs Administration	NA	NA	NA	NA	NA	NA	28.7	26.7	20.3	NA	NA
Human Development Services 10/	NA	NA	NA	NA	NA	NA	57.1	49.3	73.7	27.2	23.4
Nat'l Institutes of Health 11/	NA	NA	NA	NA	NA	NA	2,953.1	3,181.8	3,333.2	3,433.1	3,789.2
Office of the Assistant Secretary for Health 12/	NA	NA	NA	NA	NA	NA	34.6	29.9	33.1	16.1	16.6
Office of the Secretary	NA	NA	NA	NA	NA	NA	24.7	24.0	19.5	13.4	14.4
Social Security Admin	NA	NA	NA	NA	NA	NA	18.3	21.4	18.0	15.5	10.8
Dept of Housing & Urban Dvlpmt	57.8	64.8	62.0	67.6	52.1	69.7	67.9	56.0	48.1	28.9	32.1
Dept of the Interior, total	243.7	192.4	303.3	333.2	314.7	359.0	405.8	411.3	427.1	381.1	382.5
Bonneville Power Admin 8/	2.8	2.4	6.0	7.0	.0	.0	.0	.0	14.2	NA	NA
Bureau of Land Management	.7	.7	.8	.7	.9	1.2	1.3	1.7	1.9	5.3	3.9
Bureau of Mines	77.5	66.1	107.6	131.3	101.9	114.0	121.0	113.4	96.7	94.7	88.5
Bureau of Reclamation	9.7	7.4	7.8	8.3	9.9	11.2	12.2	14.1	14.3	10.1	10.0
Geological Survey 13/	66.6	66.2	106.6	110.3	117.5	133.7	145.6	146.3	169.8	152.6	157.0
Heritage Conservation & Recreation Service	-	-	-	-	-	NA	NA	NA	NA	NA	NA
Minerals Management Service	NA	NA	NA	NA	NA	NA	NA	NA	NA	.0	1.5
National Park Service	1.5	2.5	8.4	9.3	7.8	7.7	8.9	8.2	10.4	11.2	13.7
Office of Coal Research	26.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	21.3	.5	1.7	1.0	4.5	1.7	1.4	2.2	1.5	.5	7.4
Office of Surface Mining Reclamation & Enforcement	NA	NA	NA	NA	.0	2.2	5.0	7.5	5.8	1.5	1.5
Off of Water Rsch & Tech 13/	13.3	22.3	19.5	19.0	15.1	27.4	27.2	29.3	21.1	11.4	2.2
Off of Water Resources Rsch	13.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
US Fish & Wildlife Service	23.7	24.3	45.0	46.2	57.1	59.9	83.1	88.6	91.5	93.9	96.7
Department of Justice, total	33.2	34.7	44.3	33.9	27.7	60.9	43.0	41.5	26.5	26.7	31.4
Bureau of Prisons 14/	.5	.5	.6	.8	1.1	3.6	3.4	2.1	2.5	1.7	1.7
Drug Enforcement Admin	1.6	5.0	1.5	2.5	3.0	1.9	2.4	2.7	1.3	3.2	2.5
Fed Bureau of Investigation	.7	1.9	1.2	1.2	1.4	1.8	3.1	1.4	.7	2.7	2.5
Immigration & Naturalization Service	.0	.0	.1	.1	.3	.4	.2	.3	.1	.6	.6
Office of Justice Programs	30.4	27.3	40.9	29.2	21.8	51.6	32.2	33.2	21.0	18.0	23.8
Office of Legal Policy	.0	.0	.0	.0	.0	1.6	1.7	1.8	.8	.4	.3

See explanatory information, if any, and SOURCE at end of table.

Table C-147. Federal obligations for research and development, by agency: fiscal years 1973-83

[Dollars in millions]

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Agency and subdivision	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Department of Labor, total	19.9	23.8	25.4	28.5	29.6	97.8	137.0	138.1	62.2	25.4	19.9
Bureau of Labor Statistics	1.0	1.7	1.8	1.3	1.4	1.2	.9	.9	.3	.3	.7
Employment Standards Admin	1.3	.9	3.2	4.3	4.4	3.7	5.3	4.9	3.2	1.4	1.4
Employment & Training Admin	14.6	16.1	15.5	17.5	16.8	86.6	120.8	121.7	52.4	16.1	9.0
Labor-Management Services Administration 15/	.9	1.2	.8	.7	3.3	2.8	3.2	2.8	1.8	.7	.9
Occupational Safety & Health Administration	.9	1.4	2.0	2.9	3.4	1.3	5.1	6.3	3.0	4.9	5.3
Office of the Secretary	1.2	2.5	2.0	1.8	.2	2.2	1.6	1.4	1.1	.9	1.5
Pension Benefit Guaranty Corporation	NA	NA	NA	NA	NA	NA	NA	NA	.5	1.1	1.1
Department of State, total	26.2	22.5	27.9	39.4	61.4	85.2	3.2	2.2	1.8	1.5	1.5
Agcy for Internat'l Dvlpmt 16/	24.7	21.1	26.7	37.8	59.1	82.4	NA	NA	NA	NA	NA
Departmental funds	1.5	1.5	1.2	1.6	2.3	2.8	3.2	2.2	1.8	.0	.0
Dept of Transportation, total	310.6	369.8	311.6	294.5	354.6	408.3	370.1	361.2	415.5	310.1	347.7
Coast Guard	27.7	21.6	15.9	12.4	18.9	23.7	21.1	18.0	26.3	20.0	19.6
Federal Aviation Admin	79.5	125.0	105.6	98.1	103.4	110.5	110.5	103.1	120.0	94.3	126.2
Federal Highway Admin	23.6	40.8	44.7	28.9	55.5	51.7	52.9	51.1	51.2	40.3	50.4
Federal Railroad Admin	35.5	33.5	32.4	50.4	41.9	53.9	44.2	46.2	36.6	18.2	16.5
Federal Transit Admin 17/	66.2	65.6	47.7	47.5	59.9	69.6	58.0	54.4	78.2	61.4	57.0
Maritime Administration 7/	NA	NA	NA	NA	NA	NA	NA	NA	14.2	11.1	15.0
National Highway Traffic Safety Administration	54.6	53.6	34.0	31.4	47.0	66.3	56.6	63.6	65.9	55.4	52.0
Office of the Secretary	23.6	29.7	31.3	25.8	28.0	31.7	11.7	10.8	10.1	3.3	4.9
Rsch & Special Programs Admin	NA	NA	NA	NA	.0	.9	15.0	14.0	13.1	6.1	6.2
Dept of the Treasury, total	1.0	1.1	1.7	3.7	4.8	9.9	9.5	12.0	11.3	13.3	15.6
Bureau of Alcohol, Tobacco, & Firearms	.0	.0	.0	.0	1.1	2.0	2.5	1.6	.3	NA	NA
Bureau of Engraving & Printing	1.0	1.1	1.7	2.8	2.5	3.7	2.1	2.3	2.7	4.8	3.9
Internal Revenue Service 18/	.0	.0	.0	.0	.0	2.4	3.6	4.0	4.2	5.4	8.0
United States Customs Svc	.0	.0	.0	1.0	1.2	1.8	1.3	3.8	3.5	3.1	3.3
United States Secret Svc 19/	NA	NA	NA	NA	NA	NA	NA	.4	.6	.0	.3
Department of Veterans Affairs	74.3	84.8	94.8	97.7	107.0	114.0	127.0	133.4	144.4	137.3	161.4
Other agencies:											
Action	.0	.2	.2	.1	.5	1.6	1.6	.0	.0	.0	.0
Advisory Commission on Intergovernmental Relations	.9	1.1	1.2	1.0	1.5	1.7	1.7	2.2	2.2	2.0	2.1
Agcy for Internat'l Dvlpmt 16/	NA	NA	NA	NA	NA	NA	106.5	149.3	134.2	199.9	227.3
Appalachian Regional Commission	NA	NA	NA	.7	.7	.5	.9	.8	.4	.4	.2
Atomic Energy Commission	1,363.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Civil Service Commission	2.4	3.1	4.4	4.0	3.9	NA	NA	NA	NA	NA	NA
Community Services Admin	NA	21.7	23.1	10.2	24.0	24.3	20.7	30.3	18.3	NA	NA
Consumer Product Safety Comm	.3	4.3	6.0	5.6	6.7	3.8	3.9	3.5	.5	.2	.5
Energy Rsch & Dvlpmt Admin 9/	NA	1,488.9	2,047.3	2,463.8	NA	NA	NA	NA	NA	NA	NA
Environmental Protection Agency	180.6	169.2	257.7	259.1	295.5	384.6	410.1	345.0	325.7	335.1	240.7
Federal Communications Comm	1.1	.9	1.1	1.5	2.0	2.4	2.9	3.4	1.8	1.2	1.3
Federal Emergency Management Agency	NA	NA	NA	NA	NA	7.0	12.6	11.8	11.6	9.2	3.3
Federal Energy Administration	NA	.0	1.3	3.0	NA	NA	NA	NA	NA	NA	NA
Federal Home Loan Bank Board 20/	0.5	0.7	.7	.8	1.7	1.0	.9	1.2	1.0	2.7	3.0
Federal Trade Commission	.7	.9	.9	.9	1.1	1.4	1.5	3.0	1.1	1.2	1.4
General Services Admin 21/	.5	1.8	1.8	1.1	.9	2.7	.5	.2	.6	1.0	.5

See explanatory information, if any, and SOURCE at end of table.

Table C-147. Federal obligations for research and development, by agency: fiscal years 1973-83

[Dollars in millions]

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Agency and subdivision	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Interstate Commerce Commission	.0	.0	.0	.1	.1	.3	.2	.1	.0	.0	.0
Library of Congress	2.6	2.2	2.6	3.0	3.8	4.9	5.9	6.9	4.9	5.7	7.4
National Aeronautics & Space Administration	3,060.9	3,002.2	3,064.4	3,446.8	3,170.8	3,333.3	3,578.4	3,234.1	3,593.2	3,077.9	2,661.6
National Science Foundation	479.9	556.4	595.0	609.3	697.0	748.8	807.9	881.8	961.6	975.3	1,062.0
Nuclear Regulatory Commission	NA	42.3	64.2	88.4	112.3	133.9	148.8	182.7	219.7	220.3	207.3
Office of Economic Opportunity	87.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of Personnel Management	NA	NA	NA	NA	NA	4.5	6.0	6.8	8.4	.0	.0
Office of Telecomm Policy	.6	.3	4.1	4.6	NA	NA	NA	NA	NA	NA	NA
Office of Thrift Supervision 20/	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Small Business Administration	.0	.0	.2	.1	.5	.0	.0	.0	.0	.0	.0
Smithsonian Institution	24.0	24.7	24.8	25.7	29.7	34.9	36.9	41.0	44.9	52.4	56.0
Special Action Office for Drug Abuse Prevention	12.0	11.1	3.8	NA	NA	NA	NA	NA	NA	NA	NA
Tennessee Valley Authority	14.3	13.2	16.6	18.7	26.5	31.5	38.4	80.1	68.9	85.0	63.0
United States Arms Control & Disarmament Agency	2.0	1.1	1.0	1.4	2.2	3.6	3.5	3.8	2.4	1.9	1.0
US Information Agency 22/	.1	.1	.1	.1	.1	.1	.1	.1	1.5	.1	-
US Internat'l Trade Commission	.0	.0	.0	1.5	2.6	3.1	3.4	2.1	3.4	3.8	4.7

1/ Includes programs of the Farmer Cooperative Service for fiscal years 1970-76

2/ Fiscal year 1979 was the first year in which Congress appropriated funds to the Agricultural Marketing Service. Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ Includes the former Agriculture Research Service of the Science and Education Administration for fiscal years 1978-80

4/ Includes former Cooperative State Research Service of the Science and Education Administration for fiscal years 1978-80

5/ Includes programs of the Economic Research Service, the Statistical Reporting Service, and the Farmer Cooperative Service for fiscal years 1977-79

6/ Includes programs of the Economic Research Service and the Statistical Reporting Service for fiscal year 1980

7/ In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

8/ In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

9/ In 1977 the Energy Research and Development Administration became part of the Department of Energy.

10/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

11/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

12/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

13/ As of 1985 the Office of Water Research and Technology has been combined with the Geological Survey.

14/ The Bureau of Prisons was formerly listed as Federal Prison System.

15/ In 1984 the Labor-Management Services Administration was replaced by Labor-Management Relations and Cooperative Programs.

16/ Agency for International Development (AID) became separate from the Department of State in 1979. AID includes programs of the International Development Cooperative Agency for fiscal years 1979-81.

17/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

18/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

19/ Formerly listed as Office of Protective Research

20/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

21/ As of 1985 the National Archives and Records Administration is separate from the General Services Administration.

22/ Data reported for the US Information Agency include funds for the former International Communication Agency for fiscal years 1977-81.

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-147a. Federal obligations for research and development, by agency: fiscal years 1984-94

[Dollars in millions]

Page 1 of 4

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Total, all agencies	42,224.9	48,359.6	51,412.4	55,253.7	56,769.4	61,406.5	63,559.5	61,295.2	65,592.6	71,445.1	71,243.7
Departments:											
Dept of Agriculture, total	866.2	943.0	928.5	947.9	1,016.6	1,038.3	1,108.4	1,236.6	1,327.1	1,330.6	1,367.9
Agricultural Coop Svc 1/	2.2	2.9	2.6	2.7	2.7	2.8	2.7	2.8	3.4	3.5	3.6
Agricultural Marketing Svc 2/	1.5	1.7	1.6	1.5	1.6	1.5	2.7	4.2	4.7	4.9	4.9
Agricultural Research Svc 3/	451.3	469.7	463.4	478.6	505.7	523.5	545.5	591.0	627.1	626.2	640.2
Animal & Plant Health Inspection Service	.0	.0	4.2	4.9	5.6	7.4	8.0	15.7	16.7	16.8	16.7
Cooperative State Rsch Svc 4/	235.7	284.3	289.0	270.7	298.4	307.3	324.2	376.8	418.2	418.6	416.5
Economic Research Svc	43.7	46.4	44.6	44.8	48.1	49.5	50.5	54.4	58.9	58.9	51.5
Federal Grain Inspection Svc	.0	.9	1.0	1.2	1.0	1.1	.6	.7	1.5	1.2	1.0
Forest Service	108.4	113.1	113.3	126.7	135.5	131.4	158.6	174.7	180.7	186.7	215.2
Human Nutrition Info Svc	6.0	6.7	12.8	6.8	8.2	8.4	9.0	9.9	10.7	8.5	13.1
Nat'l Agricultural Stat Svc	8.2	8.4	8.0	3.4	3.6	2.9	2.8	3.2	3.6	3.6	3.7
Office of International Cooperation & Development	8.2	7.7	7.0	5.6	5.0	2.5	3.6	3.1	1.5	1.5	1.6
Office of Transportation 2/	1.0	1.2	1.0	1.1	1.1	NA	NA	NA	NA	NA	NA
Department of Commerce, total	358.2	398.8	399.2	402.2	388.9	397.9	438.2	489.6	651.2	736.0	896.8
Bureau of the Census	4.4	4.9	4.7	4.7	5.7	4.9	6.9	6.6	5.3	5.1	5.2
Economic Development Admin	5.1	13.0	10.3	5.0	4.2	1.0	1.2	1.4	.5	.0	.5
National Institute of Standards & Technology	95.5	100.5	100.8	98.6	107.9	115.5	122.3	140.0	179.0	261.2	381.6
National Oceanic & Atmospheric Administration	244.3	269.8	274.7	286.1	263.0	268.6	300.1	338.0	462.4	465.5	504.2
National Telecommunications & Information Administration	8.7	9.1	8.4	7.8	8.1	7.8	7.7	3.6	4.0	4.1	5.2
Office of the Secretary	.1	1.4	.3	-	.0	.0	.0	.0	.0	.0	.0
Department of Defense, total	25,372.9	29,791.5	32,937.9	35,231.5	35,248.9	37,576.9	37,268.1	32,134.8	36,129.5	38,986.9	37,522.9
Department of the Army	4,225.5	4,570.8	4,809.4	5,019.5	4,806.0	5,659.3	5,684.1	6,081.5	6,854.2	6,403.6	5,608.3
Department of the Navy	7,605.6	9,127.4	9,650.3	9,507.8	9,514.1	9,666.1	9,586.2	7,806.0	8,030.8	10,206.0	9,370.0
Department of the Air Force	12,091.6	13,260.9	13,593.8	15,347.7	14,867.3	15,237.4	14,831.4	10,937.5	13,427.1	13,889.0	13,994.3
Defense agencies	1,391.5	2,781.7	4,767.4	5,219.7	5,832.9	6,858.9	6,945.2	7,072.5	7,571.7	8,234.6	8,267.1
Operational Test & Evaluation, Director	NA	NA	.0	8.4	68.2	14.4	32.6	13.6	12.4	12.0	12.6
Test & Evaluation, Deputy Under Secretary Defense	58.6	50.6	117.1	128.5	160.3	140.7	188.7	223.7	233.2	241.6	270.6
Department of Education	115.7	124.9	121.3	132.5	140.7	159.1	169.9	171.0	168.5	176.7	185.6
Department of Energy 5/ 6/	4,673.6	4,966.0	4,688.3	4,757.2	5,036.4	5,192.6	5,630.6	5,983.1	6,172.2	6,586.1	6,581.9

See explanatory information, if any, and SOURCE at end of table.

Table C-147a. Federal obligations for research and development, by agency: fiscal years 1984-94

[Dollars in millions]

Page 2 of 4

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates 1993	Estimates 1994
Department of Health & Human Services, total	4,830.7	5,451.0	5,657.6	6,606.3	7,158.0	7,902.8	8,405.6	9,756.0	8,987.8	10,343.7	10,722.5
Administration on Aging 7/	NA	NA	NA	NA	NA	NA	NA	20.6	20.2	19.7	20.3
Administration for Children & Families 7/ 8/	NA	NA	NA	NA	NA	NA	.0	129.0	39.2	21.1	18.5
Agency for Health Care Policy & Research 9/	NA	NA	NA	NA	NA	NA	49.7	101.1	106.3	114.8	144.8
Alcohol, Drug Abuse, & Mental Health Administration	337.2	377.6	396.1	475.5	554.8	695.7	842.7	1,460.6	.0	.0	.0
Centers for Disease Control	46.3	47.6	52.2	66.2	88.7	117.8	95.6	113.4	146.9	149.5	183.1
Food & Drug Administration	77.8	82.1	79.4	85.0	91.0	99.0	99.0	125.0	135.7	139.1	151.2
Health Care Financing Admin	33.1	33.5	29.0	27.3	28.2	49.1	49.1	69.1	75.5	68.7	68.6
Health Resources & Services Administration	18.5	19.7	12.3	9.3	10.0	10.5	11.9	11.0	10.1	10.5	10.9
Human Development Services 7/	18.3	24.3	54.6	53.0	54.0	101.7	95.4	NA	NA	NA	NA
Nat'l Institutes of Health 10/	4,257.4	4,827.7	5,005.1	5,850.9	6,290.9	6,778.3	7,136.5	7,695.5	8,409.2	9,771.1	10,075.1
Office of the Assistant Secretary for Health 9/	18.1	18.6	17.3	21.2	21.0	27.2	6.9	10.0	6.7	1.0	7.0
Office of the Secretary	10.4	9.6	6.1	8.2	4.7	7.8	5.0	8.8	5.0	8.0	15.9
Social Security Admin	13.5	10.4	5.6	9.8	14.7	15.8	13.9	11.9	33.0	40.1	27.1
Dept of Housing & Urban Dvlpmt	18.2	18.5	15.3	16.3	18.4	18.0	19.3	27.8	25.1	26.4	35.5
Dept of the Interior, total	410.9	391.7	385.2	403.8	416.8	469.0	508.5	592.9	609.2	612.2	588.5
Bureau of Land Management	3.8	4.4	3.4	3.7	3.7	3.0	2.8	8.8	6.3	8.9	7.3
Bureau of Mines	108.8	89.9	84.4	88.8	91.3	98.7	99.3	106.1	107.1	116.1	90.8
Bureau of Reclamation	10.4	13.2	10.2	10.7	4.4	4.2	5.8	8.7	13.2	9.7	7.6
Geological Survey 11/	208.9	214.9	218.6	226.8	236.1	279.9	308.4	356.6	361.4	355.0	361.9
Minerals Management Service	1.5	1.4	1.1	1.0	1.2	2.2	1.9	2.7	3.8	5.0	5.0
National Park Service	14.0	15.0	17.3	18.5	19.4	19.4	20.1	27.5	31.1	32.0	7.7
Office of the Secretary	.1	1.9	1.0	.0	.4	.4	.2	.6	.9	.9	.9
Office of Surface Mining Reclamation & Enforcement	.8	2.0	2.3	1.0	1.0	.7	.7	1.0	.3	.4	.0
Off of Water Rsch & Tech 11/	3.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
US Fish & Wildlife Service	59.1	49.0	47.0	53.3	59.2	60.6	69.4	81.0	85.1	84.1	107.3

See explanatory information, if any, and SOURCE at end of table.

Table C-147a. Federal obligations for research and development, by agency: fiscal years 1984-94

[Dollars in millions]

Page 3 of 4

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Department of Justice, total	24.5	36.0	36.5	42.4	43.1	38.2	40.5	48.9	48.0	45.9	45.8
Bureau of Prisons 12/	1.6	1.5	3.0	7.1	6.0	5.1	4.5	5.2	5.9	6.1	6.0
Drug Enforcement Admin	1.9	1.6	2.5	2.2	2.5	2.7	2.4	2.7	1.4	.8	1.8
Fed Bureau of Investigation	1.0	9.5	7.2	8.0	12.7	7.7	8.2	10.8	10.9	10.7	10.7
Immigration & Naturalization Service	.6	.4	.4	.4	.3	.1	.4	.4	.4	.4	.4
Office of Justice Programs	19.5	22.7	23.2	24.6	21.5	22.5	25.0	29.8	29.4	27.9	26.9
Office of Legal Policy	.0	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0
Department of Labor, total	16.3	13.3	10.4	21.6	35.6	35.4	73.0	44.0	51.7	65.3	65.6
Bureau of Labor Statistics	.5	.6	.6	6.5	7.0	7.0	7.3	7.5	7.6	6.9	7.0
Employment Standards Admin	.9	-	.0	1.0	.1	.1	.1	.0	.0	.0	.0
Employment & Training Admin	6.1	3.5	3.5	5.7	14.9	15.7	53.4	22.1	31.7	45.7	45.7
Labor-Management Relations & Cooperative Programs 13/	.3	.3	.2	.3	.4	.3	.0	.0	NA	NA	NA
Occupational Safety & Health Administration	5.1	4.5	3.6	4.1	4.2	4.5	2.5	2.6	3.1	3.7	3.8
Office of the Secretary	1.9	2.6	2.1	2.7	6.1	6.1	7.1	8.7	5.9	5.5	5.5
Pension Benefit Guaranty Corporation	.3	.2	.1	.3	.3	.3	.5	.5	.9	.8	1.0
Pension & Welfare Benefit Administration	1.2	1.6	.3	1.0	2.7	1.4	2.1	2.5	2.6	2.6	2.6
Department of State, total	1.6	1.5	1.5	3.0	4.2	4.7	4.7	5.9	5.6	5.4	5.4
Departmental funds	.0	.0	.0	.0	.0	.0	.0	.0	5.6	5.4	5.4
Dept of Transportation, total	448.3	428.9	385.5	325.0	304.6	303.3	366.6	379.9	445.0	747.4	687.8
Coast Guard	19.5	19.0	16.9	17.0	21.1	17.9	20.2	25.5	20.1	35.4	24.6
Federal Aviation Admin	266.2	286.3	260.6	167.3	160.5	146.8	216.1	220.1	236.2	270.2	272.1
Federal Highway Admin	46.4	49.0	45.5	76.7	74.1	91.0	91.5	86.9	130.2	334.7	263.7
Federal Railroad Admin	19.2	15.0	15.4	11.2	10.0	9.0	10.2	15.9	22.7	36.2	61.1
Federal Transit Admin 14/	20.1	10.2	8.2	12.6	2.3	1.4	1.6	1.7	1.7	30.0	30.0
Maritime Administration 15/	9.9	13.9	9.4	5.8	.5	.0	.9	1.7	1.8	1.7	1.7
National Highway Traffic Safety Administration	56.9	28.1	22.4	27.9	28.3	29.7	16.9	21.4	25.8	31.6	27.0
Office of the Secretary	4.9	4.6	5.1	4.5	5.7	5.5	6.8	4.3	4.1	5.3	4.6
Rsch & Special Programs Admin	5.2	2.7	2.0	2.1	2.1	2.0	2.4	2.4	2.5	2.4	3.1
Dept of the Treasury, total	13.9	24.3	24.0	26.9	26.1	25.6	25.6	30.6	24.6	16.6	27.7
Bureau of Engraving & Printing	3.6	5.0	4.2	4.5	2.0	1.7	2.1	3.5	2.0	3.7	5.0
Financial Crimes Enforcement Network	.0	.0	.0	.0	.0	.0	.0	2.3	1.2	1.5	1.9
Internal Revenue Service 16/	8.2	15.9	14.2	14.6	14.4	14.4	16.8	17.9	17.9	5.8	14.3
Off of Thrift Supervision 17/	NA	NA	NA	NA	NA	NA	.0	3.0	.8	.8	.9
United States Customs Svc	1.8	2.2	4.8	7.0	9.2	6.8	6.2	3.7	2.2	3.2	4.9
United States Mint	.0	.6	.3	.2	.1	2.0	.1	.1	.0	1.1	.2
United States Secret Svc 18/	.2	.6	.4	.5	.4	.6	.5	.4	.5	.6	.6
Department of Veterans Affairs	190.3	226.6	186.2	209.5	215.3	234.7	237.7	216.6	223.9	242.7	206.0
Other agencies:											
Advisory Commission on Intergovernmental Relations	2.1	2.4	2.1	1.9	1.8	1.1	1.5	1.7	1.7	2.5	1.9
Agcy for Internat'l Dvlpmt 19/	237.2	220.4	251.2	217.5	204.4	279.1	334.6	377.7	365.9	381.0	421.6
Appalachian Regional Commission	.5	.2	.2	.1	.2	.8	.4	.7	1.9	.9	.9
Consumer Product Safety Comm	1.3	2.4	2.0	2.2	1.1	1.3	1.1	1.3	1.1	1.3	.4
Environmental Protection Agency	261.2	320.4	317.3	348.2	347.4	380.3	419.7	432.6	483.9	520.7	655.9
Federal Communications Comm	.9	1.2	.9	1.0	1.2	1.1	1.3	1.4	1.6	1.8	1.7

See explanatory information, if any, and SOURCE at end of table.

Table C-147a. Federal obligations for research and development, by agency: fiscal years 1984-94

[Dollars in millions]

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Agency and subdivision	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Federal Emergency Management Agency	11.5	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
Federal Home Loan Bank Board 17/	2.6	2.8	3.3	3.4	3.4	NA	NA	NA	NA	NA	NA
Federal Trade Commission	1.6	1.7	1.8	.5	.4	0.4	0.5	1.0	1.3	0.8	0.9
General Services Admin 20/	2.4	.4	1.2	1.6	2.3	.5	.7	.0	.0	.0	.0
Library of Congress	7.5	7.1	6.6	6.5	7.1	8.0	8.4	9.0	10.3	10.2	10.2
National Aeronautics & Space Administration	2,821.9	3,327.2	3,419.8	3,787.1	4,330.4	5,393.5	6,533.2	7,280.2	7,657.6	8,190.3	8,637.0
National Archives & Records Administration 20/	NA	.5	1.0	1.1	.7	.3	.4	.7	.7	.3	.3
National Science Foundation	1,202.8	1,345.6	1,353.3	1,470.5	1,532.8	1,670.4	1,689.5	1,785.2	1,868.4	2,072.6	2,217.0
Nuclear Regulatory Commission	190.7	150.0	123.8	122.5	108.5	114.8	108.8	108.8	119.0	119.7	122.1
Office of Thrift Supervision 17/	NA	NA	NA	NA	NA	4.1	4.1	NA	NA	NA	NA
Smithsonian Institution	63.6	71.1	63.3	71.5	75.1	80.2	84.0	98.0	98.0	100.0	100.9
Tennessee Valley Authority	68.1	79.5	77.5	77.9	87.3	62.6	64.9	68.3	97.3	106.4	117.1
United States Arms Control & Disarmament Agency	1.3	1.1	.9	3.6	3.4	2.8	.2	.4	2.1	1.0	1.0
US Information Agency 21/	1.4	.1	2.0	3.5	.4	.1	.5	.1	.0	1.2	.7
US Internat'l Trade Commission	5.0	5.8	6.9	7.2	8.1	8.7	9.1	9.9	12.3	2.5	14.3

1/ Includes programs of the Farmer Cooperative Service for fiscal years 1970-76

2/ Fiscal year 1979 was the first year in which Congress appropriated funds to the Agricultural Marketing Service. Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ Includes the former Agriculture Research Service of the Science and Education Administration for fiscal years 1978-80

4/ Includes former Cooperative State Research Service of the Science and Education Administration for fiscal years 1978-80

5/ In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

6/ In 1977 the Energy Research and Development Administration became part of the Department of Energy.

7/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

8/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

9/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

10/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

11/ As of 1985 the Office of Water Research and Technology has been combined with the Geological Survey.

12/ The Bureau of Prisons was formerly listed as Federal Prison System.

13/ In 1984 the Labor-Management Services Administration was replaced by Labor-Management Relations and Cooperative Programs.

14/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

15/ In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

16/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

17/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

18/ Formerly listed as Office of Protective Research

19/ Agency for International Development (AID) became separate from the Department of State in 1979. AID includes programs of the International Development Cooperative Agency for fiscal years 1979-81.

20/ As of 1985 the National Archives and Records Administration is separate from the General Services Administration.

21/ Data reported for the US Information Agency include funds for the former International Communication Agency for fiscal years 1977-81.

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

· Table C-148. Federal obligations for R&D plant, by agency: fiscal years 1973-83

[Dollars in millions]

Page 1 of 2

Agency and subdivision	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total, all agencies	774.3	766.3	820.7	836.7	1,367.2	1,295.7	1,475.5	1,555.7	1,485.7	1,369.8	1,297.5
Departments:											
Dept of Agriculture, total	2.9	8.8	7.8	16.1	12.9	24.7	22.6	56.9	20.8	21.5	33.9
Agricultural Research Svc 1/	1.7	4.7	4.5	13.2	11.1	22.0	19.1	53.2	17.6	21.1	23.4
Cooperative State Rsch Svc 2/	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0
Forest Service	1.2	4.1	3.3	2.9	1.8	2.7	3.5	3.6	3.2	.4	.5
Department of Commerce, total	7.9	11.6	9.5	6.6	7.1	4.1	2.4	4.6	1.3	1.0	.7
Maritime Administration 3/	2.1	2.8	1.1	2.2	4.9	1.0	.9	.5	NA	NA	NA
National Institute of Standards & Technology	2.1	.9	1.4	.5	.7	.8	1.5	.3	.5	1.0	.7
National Oceanic & Atmospheric Administration	3.7	7.9	7.1	4.0	1.5	2.3	.0	3.9	.8	.0	.0
Department of Defense, total	146.4	169.1	167.1	143.4	445.6	232.6	270.2	208.2	277.7	290.5	312.5
Department of the Army	17.1	32.1	23.9	12.3	16.3	7.6	3.8	13.8	12.8	24.7	26.3
Department of the Navy	35.7	54.0	62.7	45.8	61.2	48.3	68.1	83.2	97.9	155.9	141.7
Department of the Air Force	70.6	67.7	59.6	73.0	350.0	160.1	167.5	108.0	159.6	84.7	138.7
Defense agencies	23.0	15.3	20.9	12.3	18.1	16.6	30.8	3.2	7.4	25.2	5.8
Department of Energy 4/ 5/	NA	NA	NA	NA	561.0	690.7	844.4	1,024.1	978.2	914.0	757.7
Department of Health, Education, & Welfare, total	41.6	40.9	39.1	33.1	132.6	74.3	NA	NA	NA	NA	NA
Centers for Disease Control	-	.0	.0	.0	.0	.0	NA	NA	NA	NA	NA
Food & Drug Administration	.2	.4	.7	.9	.8	.9	NA	NA	NA	NA	NA
Nat'l Institutes of Health	41.3	40.5	38.4	32.2	131.8	73.4	NA	NA	NA	NA	NA
Department of Health & Human Services, total	NA	NA	NA	NA	NA	NA	53.5	30.6	23.7	24.7	47.9
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA	NA	.1	.0	.2	3.3	1.8
Food & Drug Administration	NA	NA	NA	NA	NA	NA	5.8	1.2	1.2	2.0	28.5
Nat'l Institutes of Health 6/	NA	NA	NA	NA	NA	NA	47.6	29.4	22.3	19.4	17.5
Dept of the Interior, total	22.0	2.1	3.9	5.9	5.0	15.0	5.0	7.5	3.5	1.3	2.4
Bonneville Power Admin 4/	.2	.1	.1	.1	.0	.0	.0	.0	.3	NA	NA
Bureau of Mines	.0	.0	.0	.0	3.4	7.1	.3	1.0	.6	.1	.1
Geological Survey 7/	.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	1.4
National Park Service	.0	.0	-	-	-	.0	.0	.0	.0	.0	.0
Office of Coal Research	19.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	.1	.0	.0	.0	.0	.0	.0	0	.0	.0	.0
Office of Surface Mining Reclamation & Enforcement	NA	NA	NA	NA	.0	.0	.0	.3	.0	.0	.0
Off of Water Rsch & Tech 7/	.0	.5	.0	.0	.9	.6	.7	.7	.8	.9	.0
US Fish & Wildlife Service	1.2	1.2	3.8	5.8	.6	7.3	4.0	5.5	1.8	.3	.9

See explanatory information, if any, and SOURCE at end of table.

Table C-148. Federal obligations for R&D plant, by agency: fiscal years 1973-83

[Dollars in millions]

Page 2 of 2

Agency and subdivision	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Department of State, total	0.4	0.4	.0	5.1	16.2	0.2	.0	.0	.0	.0	.0
Agcy for Internat'l Dvlpmt 8/	.4	.4	.0	5.1	16.2	.2	NA	NA	NA	NA	NA
Dept of Transportation, total	38.2	13.4	13.3	14.2	22.5	14.1	22.6	23.3	18.9	11.9	21.9
Coast Guard	17.1	5.1	.6	.4	.6	.7	.0	.0	.0	.0	.0
Federal Aviation Admin	1.5	.4	3.4	2.0	3.0	1.0	9.9	5.7	8.9	5.1	21.4
Federal Highway Admin	.2	.4	.4	.4	.4	.4	.6	7.2	-	.0	.0
Federal Railroad Admin	11.4	3.9	7.0	10.1	16.6	11.8	11.9	10.2	9.5	6.3	.0
Federal Transit Admin 9/	8.2	3.7	1.8	1.3	1.7	.0	.0	.0	.0	.0	.0
National Highway Traffic Safety Administration	.0	.0	.0	.0	.2	.2	.2	.2	.5	.5	.5
Dept of the Treasury, total	-	-	-	.1	.1	-	-	-	.1	.1	.1
Bureau of Engraving & Printing	-	-	-	.0	.0	.0	.0	.0	.0	.0	.0
United States Customs Svc	.0	.0	.0	.1	.1	-	-	-	.1	.1	.1
Department of Veterans Affairs	10.3	2.1	2.2	11.8	5.9	4.1	5.1	4.4	14.8	2.8	10.5
Other agencies:											
Agcy for Internat'l Dvlpmt 8/	NA	NA	NA	NA	NA	NA	6.4	6.3	8.0	6.0	4.8
Atomic Energy Commission	349.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Consumer Product Safety Comm	.0	.0	1.9	.2	.0	.3	2.7	2.7	.0	.0	.0
Energy Rsch & Dvlpmt Admin 5/	NA	392.7	392.6	438.8	NA	NA	NA	NA	NA	NA	NA
Environmental Protection Agency	24.5	1.2	2.1	6.3	2.1	4.6	2.4	.0	.0	.0	.0
National Aeronautics & Space Administration	69.3	98.4	142.7	82.1	118.1	162.3	147.5	159.1	115.8	113.7	100.8
National Science Foundation	57.1	11.7	23.1	52.6	27.1	39.7	30.2	18.7	14.6	1.5	3.2
Nuclear Regulatory Commission	NA	3.8	3.0	9.6	7.1	6.9	8.6	7.7	7.7	.0	.0
Smithsonian Institution	.1	.4	.4	.5	.2	.2	1.0	.9	.4	.5	1.0
Tennessee Valley Authority	4.5	9.7	12.2	10.2	3.7	21.9	50.8	.6	.4	.3	.3

1/ Includes the former Agriculture Research Service of the Science and Education Administration for fiscal years 1978-80

2/ Includes former Cooperative State Research Service of the Science and Education Administration for fiscal years 1978-80

3/ In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

4/ In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

5/ In 1977 the Energy Research and Development Administration became part of the Department of Energy.

6/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

7/ As of 1985 the Office of Water Research and Technology has been combined with the Geological Survey.

8/ Agency for International Development (AID) became separate from the Department of State in 1979. AID includes programs of the International Development Cooperative Agency for fiscal years 1979-81.

9/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-148a. Federal obligations for R&D plant, by agency: fiscal years 1984-94

[Dollars in millions]

Page 1 of 2

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Total, all agencies	1,787.3	1,820.8	1,538.8	1,846.0	2,057.1	2,165.1	2,271.7	2,852.8	2,984.6	3,858.4	3,192.3
Departments:											
Dept of Agriculture, total	39.2	40.6	79.4	111.8	135.2	89.2	102.2	144.6	164.7	197.4	94.6
Agricultural Research Svc 1/	28.8	29.0	69.2	43.9	55.5	55.2	44.4	64.7	98.1	123.3	86.9
Animal & Plant Health Inspection Service	.0	.0	.0	.0	.5	.3	6.1	.0	.0	.0	2.7
Cooperative State Rsch Svc 2/	10.0	10.0	9.5	67.6	76.2	32.2	46.9	61.5	63.0	69.1	.0
Forest Service	.4	1.6	.6	.3	2.9	1.6	4.9	18.4	3.6	5.0	5.0
Department of Commerce, total	9.4	4.2	9.3	5.2	11.2	9.1	15.4	15.7	21.0	131.2	79.2
National Institute of Standards & Technology	9.4	4.2	7.7	2.0	10.7	8.6	8.8	8.5	11.2	116.9	68.7
National Oceanic & Atmospheric Administration	.0	.0	1.5	3.2	.5	.5	6.6	7.3	9.9	14.3	10.5
Department of Defense, total	529.2	530.9	286.1	477.2	435.8	499.3	487.3	425.7	396.5	518.6	260.5
Department of the Army	56.2	52.9	53.9	65.8	92.8	45.1	53.1	91.0	22.0	20.0	36.0
Department of the Navy	173.4	182.1	97.6	69.0	74.9	89.6	60.4	54.0	96.0	35.0	70.0
Department of the Air Force	285.4	291.3	130.1	270.3	143.7	250.2	322.2	152.3	179.7	249.5	106.3
Defense agencies	14.2	4.6	4.5	72.1	124.4	114.4	51.6	128.4	98.8	214.1	48.2
Department of Education	.0	1.1	6.6	21.0	5.2	1.9	8.9	4.2	2.4	2.2	1.8
Department of Energy 3/ 4/	852.4	868.4	742.3	772.2	915.0	873.0	916.0	1,220.1	1,320.8	1,424.3	1,471.5
Department of Health & Human Services, total	31.1	42.1	37.9	36.7	19.5	78.6	107.8	86.3	96.7	375.6	159.2
Alcohol, Drug Abuse, & Mental Health Administration	.3	.4	.5	.6	.0	.0	.0	.0	.0	.0	.0
Food & Drug Administration	3.0	13.0	8.0	.8	.5	23.0	23.0	18.4	14.3	34.0	29.6
Health Resources & Services Administration	.0	.0	.0	.0	.0	.0	.0	.0	.3	.7	.7
Nat'l Institutes of Health 5/	27.8	28.8	29.4	35.3	19.0	55.6	84.8	67.8	82.1	340.8	128.9
Social Security Admin	.0	.0	.0	.0	.0	.0	.0	-	.0	.0	.0
Dept of the Interior, total	5.2	4.2	4.3	11.8	9.4	10.8	14.0	22.2	18.4	21.1	18.1
Bureau of Mines	-	.0	.0	.0	.0	2.6	3.0	2.1	.0	.0	.0
Geological Survey 6/	1.0	.8	.8	.8	.8	1.3	1.3	3.3	4.3	3.8	16.4
Minerals Management Service	.0	.0	.0	.0	.0	.0	.2	.3	1.0	1.0	1.0
US Fish & Wildlife Service	4.2	3.4	3.5	11.0	8.6	6.9	9.5	16.6	13.1	16.3	.7

See explanatory information, if any, and SOURCE at end of table.

Table C-148a. Federal obligations for R&D plant, by agency: fiscal years 1984-94

[Dollars in millions]

Page 2 of 2

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Department of Justice, total	.0	.0	.0	11.1	.0	.0	.0	.0	.0	.0	.0
Fed Bureau of Investigation	.0	.0	.0	11.1	.0	.0	.0	.0	.0	.0	.0
Dept of Transportation, total	16.9	9.0	12.1	11.2	13.9	15.5	21.8	18.4	25.3	40.9	34.9
Coast Guard	.0	.0	.0	.0	.3	.0	.4	.4	.4	.4	.4
Federal Aviation Admin	16.4	8.5	10.9	10.4	13.2	15.5	21.4	16.3	24.0	28.0	29.0
Federal Highway Admin	.0	.0	.7	.3	.0	.0	.0	.0	.8	10.4	4.2
Federal Railroad Admin	.0	.0	.0	.0	.4	.0	.0	1.7	.1	2.1	1.3
National Highway Traffic Safety Administration	.5	.5	.5	.5	.0	.0	.0	.0	.0	.0	.0
Dept of the Treasury, total	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2
United States Customs Svc	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
United States Secret Svc 7/	.0	.0	.1	-	-	-	-	-	-	-	-
Department of Veterans Affairs	6.1	3.3	4.8	5.9	19.5	11.0	3.3	3.4	5.7	9.3	10.3
Other agencies:											
Agcy for Internat'l Dvlpmt 8/	7.8	6.9	7.5	6.8	6.1	.0	.0	.0	.0	.0	.0
General Services Admin 9/	.0	.0	18.8	.0	.0	.0	18.8	22.6	6.5	1.0	.0
National Aeronautics & Space Administration	244.2	234.3	275.0	309.4	428.2	519.5	527.0	723.6	817.8	990.8	871.6
National Science Foundation	45.2	73.6	53.2	61.3	56.9	53.6	39.3	159.6	101.6	137.9	185.4
Smithsonian Institution	.2	1.6	.7	2.9	.7	3.4	4.8	1.5	3.8	5.0	5.0
Tennessee Valley Authority	.2	.5	.8	.3	.4	.2	4.9	4.8	3.2	3.1	.1
United States Arms Control & Disarmament Agency	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0

1/ Includes the former Agriculture Research Service of the Science and Education Administration for fiscal years 1978-80

2/ Includes former Cooperative State Research Service of the Science and Education Administration for fiscal years 1978-80

3/ In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

4/ In 1977 the Energy Research and Development Administration became part of the Department of Energy.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

6/ As of 1985 the Office of Water Research and Technology has been combined with the Geological Survey.

7/ Formerly listed as Office of Protective Research

8/ Agency for International Development (AID) became separate from the Department of State in 1979. AID includes programs of the International Development Cooperative Agency for fiscal years 1979-81.

9/ As of 1985 the National Archives and Records Administration is separate from the General Services Administration.

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-149. Federal obligations for research, development, and R&D plant: fiscal years 1970-94

[Dollars in millions]

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Fiscal years	Total	Research		Development	R&D plant
		Basic	Applied		
1970	15,863.4	1,925.9	2,974.9	10,438.1	524.4
1971	16,153.8	1,980.1	3,143.0	10,419.3	611.2
1972	17,098.0	2,186.9	3,360.8	10,948.2	602.1
1973	17,574.5	2,232.0	3,349.4	11,218.7	774.3
1974	18,176.5	2,387.7	3,787.6	11,234.9	766.3
1975	19,859.5	2,588.4	4,141.3	12,309.1	820.7
1976	21,616.4	2,767.5	4,851.9	13,160.3	836.7
1977	24,817.6	3,258.6	5,255.5	14,936.3	1,367.2
1978	27,140.8	3,698.6	5,908.2	16,238.4	1,295.7
1979	29,620.5	4,192.7	6,342.3	17,610.1	1,475.5
1980	31,386.1	4,674.2	6,923.2	18,233.1	1,555.7
1981	34,589.6	5,041.3	7,171.5	20,891.1	1,485.7
1982	37,822.4	5,481.6	7,540.6	23,410.4	1,389.8
1983	40,009.6	6,260.1	7,993.4	24,458.0	1,297.5
1984	44,012.1	7,067.4	7,911.4	27,246.1	1,787.3
1985	50,180.4	7,818.7	8,314.7	32,226.1	1,820.8
1986	52,951.2	8,153.1	8,349.1	34,910.2	1,538.8
1987	57,099.7	8,942.4	8,998.1	37,313.2	1,846.0
1988	58,826.5	9,473.6	9,176.5	38,119.3	2,057.1
1989	63,571.6	10,602.0	10,163.5	40,641.0	2,165.1
1990	65,831.2	11,285.6	10,336.8	41,937.1	2,271.7
1991	64,148.0	12,170.8	11,797.6	37,326.8	2,852.8
1992	68,577.2	12,489.9	12,000.7	41,102.0	2,984.6
1993 (estimates)	75,303.4	13,897.4	13,554.5	43,993.2	3,858.4
1994 (estimates)	74,435.9	14,346.1	13,777.7	43,119.9	3,192.3

NOTE: Because of rounding, detail may not add to totals.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-150. Federal obligations for research, by selected agency: fiscal years 1973-83

[Dollars in millions]

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Selected agency	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total, all agencies	5,581.4	6,175.2	6,729.7	7,619.3	8,514.1	9,606.8	10,535.0	11,597.4	12,212.8	13,022.2	14,253.5
Departments:											
Dept of Agriculture, total	354.1	365.1	401.9	442.2	524.0	594.5	631.9	657.4	741.0	766.5	817.6
Agricultural Coop Svc 1/	1.2	1.4	1.2	1.2	.0	.0	.0	1.6	1.7	1.7	2.1
Agricultural Marketing Svc 2/	NA	NA	NA	NA	NA	NA	.4	1.0	.9	1.0	1.1
Agricultural Research Svc 3/	189.7	193.4	204.1	227.6	281.0	303.7	320.9	328.6	367.9	379.1	417.9
Cooperative State Rsch Svc 4/	89.4	89.4	101.1	113.4	127.3	157.4	172.6	184.2	199.4	219.0	232.3
Economics, Stat & Coop Svc 5/	NA	NA	NA	NA	29.7	32.7	35.5	NA	NA	NA	NA
Economic Research Svc	16.9	18.1	21.3	24.0	NA	NA	NA	NA	39.3	39.3	38.8
Economics & Statistics Svc 6/	NA	NA	NA	NA	NA	NA	NA	31.1	NA	NA	NA
Forest Service	56.1	62.3	73.3	74.5	86.1	100.7	102.5	106.1	119.9	107.7	103.9
Human Nutrition Info Svc	NA	NA	NA	NA	NA	NA	NA	NA	.0	8.5	8.2
Nat'l Agricultural Library	.3	.1	-	-	NA	NA	NA	NA	NA	NA	NA
Nat'l Agricultural Stat Svc	.5	.4	1.0	1.6	NA	NA	NA	NA	7.5	7.0	7.6
Office of International Cooperation & Development	NA	NA	NA	NA	NA	NA	.0	4.9	3.6	2.4	4.8
Office of Transportation 2/	NA	NA	NA	NA	NA	NA	.0	.0	.8	.8	.8
Department of Commerce, total	130.2	129.2	144.4	155.7	176.1	192.8	219.5	254.4	249.4	276.1	284.8
Bureau of the Census	.5	.7	.7	2.1	2.0	2.3	1.8	1.9	3.0	1.9	2.2
Economic Development Admin	.9	.9	1.1	2.1	2.5	5.9	8.5	2.5	1.8	1.6	5.3
Maritime Administration 7/	5.9	5.8	5.7	5.0	3.7	7.0	12.2	12.1	NA	NA	NA
Minority Business Dvlpmt Agcy	.0	.2	.9	.4	.7	.0	.0	.0	.0	.0	.0
National Fire Prevention & Control Administration	.0	.0	.7	3.2	4.5	NA	NA	NA	NA	NA	NA
National Institute of Standards & Technology	31.0	32.7	34.7	37.5	45.0	48.5	51.8	58.9	66.2	73.9	81.5
National Oceanic & Atmospheric Administration	89.1	87.1	99.7	104.9	115.8	127.9	142.7	168.8	168.5	188.5	188.9
National Telecommunications & Information Administration	NA	NA	NA	NA	2.0	1.1	2.4	9.6	9.9	10.1	6.9
Office of Telecommunications	2.3	1.6	.6	.4	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	.0	.0	.0	.0	.0	.0	.1	.5	.0	-	-
Patent & Trademark Office	.0	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0
US Travel & Tourism Admin	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Department of Defense, total	1,436.1	1,434.4	1,431.0	1,527.5	1,715.8	1,824.1	2,014.1	2,261.8	2,600.9	2,952.8	3,222.6
Department of the Army	377.1	366.5	336.4	362.4	398.0	409.8	448.6	479.3	536.5	639.2	693.6
Department of the Navy	386.3	401.3	406.5	438.0	497.4	526.3	567.3	611.1	698.0	778.7	827.0
Department of the Air Force	341.0	341.7	355.8	382.3	425.8	448.7	492.3	537.3	617.3	633.9	688.4
Defense agencies	328.5	322.2	330.6	344.1	393.4	431.7	505.9	634.1	749.1	901.0	1,013.6
Defense Civil Preparedness Agency	3.2	2.7	1.7	.7	1.3	7.5	NA	NA	NA	NA	NA
Department of Education	NA	NA	NA	NA	NA	NA	93.4	87.6	53.8	70.5	76.1
Department of Energy 8/ 9/	NA	NA	NA	NA	891.3	1,102.2	1,131.8	1,277.3	1,413.6	1,696.1	1,961.1

See explanatory information, if any, and SOURCE at end of table.

Table C-150. Federal obligations for research, by selected agency: fiscal years 1973-83

[Dollars in millions]

Selected agency	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Department of Health, Education, & Welfare, total	1,444.2	1,846.7	1,924.8	2,150.7	2,414.3	2,740.7	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	122.2	155.6	139.4	136.6	152.0	178.8	NA	NA	NA	NA	NA
Centers for Disease Control	38.3	44.9	42.6	49.6	55.3	60.1	NA	NA	NA	NA	NA
Food & Drug Administration	30.2	43.5	35.9	37.1	42.9	64.1	NA	NA	NA	NA	NA
Health Care Financing Admin	NA	NA	NA	NA	30.0	19.4	NA	NA	NA	NA	NA
Health Resources Admin	11.0	9.7	16.7	31.0	7.4	5.0	NA	NA	NA	NA	NA
Health Services Admin	10.1	9.4	10.6	9.5	9.5	10.6	NA	NA	NA	NA	NA
Nat'l Institute of Education	16.1	9.5	4.1	10.8	27.1	34.6	NA	NA	NA	NA	NA
Nat'l Institutes of Health	1,132.1	1,489.6	1,604.2	1,767.7	1,968.7	2,232.6	NA	NA	NA	NA	NA
Office of the Assistant Secretary for Education	.0	.0	.6	1.0	1.0	1.3	NA	NA	NA	NA	NA
Office of the Assistant Secretary for Health	.0	.0	.0	.0	28.6	32.6	NA	NA	NA	NA	NA
Office of Education	6.6	6.4	5.3	21.4	11.9	13.3	NA	NA	NA	NA	NA
Off of Human Development Svcs	10.1	17.2	7.1	34.6	48.7	45.2	NA	NA	NA	NA	NA
Office of Internat'l Health	.7	2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	.0	29.8	26.2	23.7	20.0	30.2	NA	NA	NA	NA	NA
Social & Rehabilitation Svc	48.3	8.9	9.6	18.6	NA	NA	NA	NA	NA	NA	NA
Social Security Admin	18.5	19.4	22.6	9.1	11.2	12.9	NA	NA	NA	NA	NA
Department of Health & Human Services, total	NA	NA	NA	NA	NA	NA	3,015.7	3,332.8	3,492.2	3,605.6	4,020.8
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA	NA	213.5	233.5	237.7	246.1	300.4
Centers for Disease Control	NA	NA	NA	NA	NA	NA	76.3	87.3	74.8	75.0	78.2
Food & Drug Administration	NA	NA	NA	NA	NA	NA	61.0	75.4	71.4	73.0	74.2
Health Care Financing Admin	NA	NA	NA	NA	NA	NA	31.8	45.7	38.6	29.1	30.2
Health Resources Admin	NA	NA	NA	NA	NA	NA	4.9	5.1	5.0	NA	NA
Health Resources & Services Administration	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.7	11.0
Health Svcs Administration	NA	NA	NA	NA	NA	NA	10.2	8.0	10.2	NA	NA
Human Development Services 10/	NA	NA	NA	NA	NA	NA	14.9	19.1	39.9	8.7	6.9
Nat'l Institutes of Health 11/	NA	NA	NA	NA	NA	NA	2,530.1	2,787.5	2,948.3	3,124.5	3,478.2
Office of the Assistant Secretary for Health 12/	NA	NA	NA	NA	NA	NA	29.9	25.7	28.8	13.9	16.6
Office of the Secretary	NA	NA	NA	NA	NA	NA	24.7	24.0	19.5	13.1	14.4
Social Security Admin	NA	NA	NA	NA	NA	NA	18.3	21.4	18.0	15.5	10.8
Dept of Housing & Urban Dvlpmt	18.4	33.8	33.5	36.9	32.7	30.5	23.8	19.6	16.7	10.3	11.3
Dept of the Interior, total	160.2	143.5	234.1	259.5	255.9	283.5	339.5	354.4	369.8	351.5	357.7
Bonneville Power Admin 8/	.3	.4	.5	.5	.0	.0	.0	.0	6.5	NA	NA
Bureau of Land Management	.7	.6	.7	.7	.8	1.0	1.1	1.3	1.5	2.4	2.0
Bureau of Mines	41.5	30.5	52.9	73.3	52.3	57.0	79.1	82.8	68.0	81.1	79.4
Bureau of Reclamation	9.4	6.9	7.3	7.9	9.3	10.6	11.4	12.9	13.4	9.0	8.8
Geological Survey 13/	62.9	66.2	106.6	110.3	117.5	133.7	145.1	145.8	169.3	152.1	154.7
Heritage Conservation & Recreation Service	-	-	-	-	-	NA	NA	NA	NA	NA	NA
Minerals Management Service	NA	NA	NA	NA	NA	NA	NA	NA	NA	.0	1.5
National Park Service	1.5	2.5	8.4	9.3	7.5	7.7	8.9	8.2	10.4	11.2	13.7
Office of Coal Research	5.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	4.1	.4	1.3	1.0	4.5	1.7	1.4	2.2	1.5	.5	7.4
Office of Surface Mining Reclamation & Enforcement	NA	NA	NA	NA	.0	2.2	5.0	7.5	5.8	1.5	1.5
Off of Water Rsch & Tech 13/	13.3	15.0	15.4	14.0	12.3	15.4	17.8	18.4	15.8	10.1	1.2
Off of Water Resources Rsch	13.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
US Fish & Wildlife Service	20.8	21.0	40.9	42.5	51.7	54.2	69.6	75.2	77.8	83.6	87.5
Department of Justice, total	7.0	18.6	18.9	18.3	17.6	45.7	28.8	28.8	19.5	16.3	20.7
Bureau of Prisons 14/	.0	.0	.0	.0	.1	.7	.5	.9	1.7	.9	1.3
Drug Enforcement Admin	1.6	1.7	.9	.5	.9	.5	.7	.8	.4	1.3	.9
Immigration & Naturalization Service	.0	.0	-	.1	.1	.2	.1	.2	.1	.3	.3
Office of Justice Programs	5.5	16.9	17.9	17.7	16.4	43.3	25.9	25.6	16.7	13.4	18.0
Office of Legal Policy	.0	.0	.0	.0	.0	1.1	1.6	1.3	.7	.4	.2

See explanatory information, if any, and SOURCE at end of table.

Table C-150. Federal obligations for research, by selected agency: fiscal years 1973-83

[Dollars in millions]

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Selected agency	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Department of Labor, total	13.3	17.2	15.3	18.0	18.7	25.7	42.1	36.4	58.2	17.2	17.9
Bureau of Labor Statistics	.8	.6	.7	.8	.9	.8	.9	.9	.3	.3	.7
Employment Standards Admin	1.3	.9	3.2	4.3	4.4	3.7	5.3	4.9	3.2	1.4	1.4
Employment & Training Admin	8.8	11.7	7.1	7.5	6.4	14.9	25.9	20.1	48.8	8.7	7.9
Labor-Management Services Administration 15/	.9	1.2	.8	.7	3.3	2.8	3.2	2.8	1.8	.7	.9
Occupational Safety & Health Administration	.4	.5	1.4	2.9	3.4	1.3	5.1	6.3	3.0	4.9	5.3
Office of the Secretary	1.2	2.3	2.0	1.8	.2	2.2	1.6	1.4	1.1	.9	1.5
Pension Benefit Guaranty Corporation	NA	NA	NA	NA	NA	NA	NA	NA	.1	.3	.3
Department of State, total	24.6	17.8	22.5	25.1	38.3	49.1	2.7	2.0	1.6	1.5	1.5
Agcy for Internat'l Dvlpmt 16/	23.9	16.8	21.7	24.0	36.2	46.6	NA	NA	NA	NA	NA
Departmental funds	.8	1.1	.7	1.1	2.1	2.5	2.7	2.0	1.6	.0	.0
Dept of Transportation, total	77.2	61.8	53.8	31.1	51.8	66.5	67.0	82.4	88.6	66.7	72.6
Coast Guard	5.3	6.7	4.3	2.6	2.5	2.3	10.9	8.1	15.0	1.7	1.2
Federal Aviation Admin	17.8	13.9	14.1	3.6	4.7	6.8	7.5	8.2	8.2	7.0	12.5
Federal Highway Admin	1.8	3.3	3.4	1.9	5.3	4.9	4.4	4.6	5.1	5.3	7.3
Federal Railroad Admin	15.4	1.6	2.7	8.6	6.6	9.2	7.5	7.9	6.2	3.1	2.8
Federal Transit Admin 17/	6.3	6.2	2.9	.6	1.0	1.1	1.1	8.9	9.3	19.4	18.3
Maritime Administration 7/	NA	NA	NA	NA	NA	NA	NA	NA	9.5	6.6	6.2
National Highway Traffic Safety Administration	21.7	14.9	12.0	9.9	27.5	38.0	30.0	38.6	29.4	21.3	21.4
Office of the Secretary	9.0	15.2	14.4	3.9	4.2	4.1	.6	.6	.7	.3	.3
Rsch & Special Programs Admin	NA	NA	NA	NA	.0	.1	5.0	5.5	5.2	2.1	2.6
Dept of the Treasury, total	.4	.5	.4	1.5	2.1	4.1	4.7	5.7	5.2	8.1	10.2
Bureau of Alcohol, Tobacco, & Firearms	.0	.0	.0	.0	.4	.4	.7	.3	.1	NA	NA
Bureau of Engraving & Printing	.4	.5	.4	1.5	1.7	1.9	.6	1.3	.9	2.8	2.0
Internal Revenue Service 18/	.0	.0	.0	.0	.0	1.8	3.5	3.9	4.2	5.3	7.9
United States Customs Svc	.0	.0	.0	.0	.0	.0	.0	.1	.1	-	.0
United States Secret Svc 19/	NA	NA	NA	NA	NA	NA	NA	.0	.0	.0	.3
Department of Veterans Affairs	69.7	78.7	87.1	85.1	92.3	99.4	111.4	117.9	127.7	123.0	146.1
Other agencies:											
Action	.0	.1	.2	.1	.1	.2	.0	.0	.0	.0	.0
Advisory Commission on Intergovernmental Relations	.9	1.1	1.2	1.0	1.5	1.7	1.7	2.2	2.2	2.0	2.1
Agcy for Internat'l Dvlpmt 16/	NA	NA	NA	NA	NA	NA	66.9	79.7	86.4	127.9	156.7
Appalachian Regional Commission	NA	NA	NA	.7	.6	.3	.7	.6	.3	.3	.2
Atomic Energy Commission	424.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Civil Service Commission	.5	1.3	1.5	1.1	1.1	NA	NA	NA	NA	NA	NA
Community Services Admin	NA	.5	.2	.0	1.0	2.0	1.8	1.3	1.9	NA	NA
Consumer Product Safety Comm	.3	2.6	3.0	3.5	3.7	.9	1.8	1.6	.2	.1	.3
Energy Rsch & Dvlpmt Admin 9/	NA	464.7	593.4	746.5	NA	NA	NA	NA	NA	NA	NA
Environmental Protection Agency	74.3	96.3	141.7	155.4	205.3	252.7	259.0	245.1	218.3	243.4	174.6
Federal Communications Comm	1.1	.9	1.1	1.5	2.0	2.4	2.9	3.4	1.8	1.2	1.3
Federal Emergency Management Agency	NA	NA	NA	NA	NA	4.8	9.7	9.3	9.1	9.2	3.3
Federal Energy Administration	NA	.0	.2	1.0	NA	NA	NA	NA	NA	NA	NA
Federal Home Loan Bank Board 20/	.5	.7	.7	.8	1.7	1.0	.9	1.2	1.0	2.7	3.0
Federal Trade Commission	.7	.9	.9	.9	1.1	1.4	1.5	3.0	1.1	1.2	1.4

See explanatory information, if any, and SOURCE at end of table.

Table C-150. Federal obligations for research, by selected agency: fiscal years 1973-83

[Dollars in millions]

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Selected agency	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
General Services Admin 21/	0.3	1.4	0.9	0.4	0.4	2.2	0.2	0.1	0.4	0.5	0.2
Interstate Commerce Commission	.0	.0	.0	.1	.1	.3	.2	.1	.0	.0	.0
Library of Congress	1.4	.4	.4	.4	.4	.5	.6	.6	.9	.9	1.3
National Aeronautics & Space Administration	793.9	845.7	935.1	1,222.8	1,206.1	1,345.2	1,451.2	1,609.6	1,407.2	1,407.1	1,544.8
National Science Foundation	464.0	520.3	570.0	595.8	688.3	743.5	800.0	873.7	955.5	973.2	1,062.0
Nuclear Regulatory Commission	NA	42.3	64.2	88.4	112.3	133.9	148.8	182.7	219.7	220.3	207.3
Office of Economic Opportunity	32.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of Personnel Management	NA	NA	NA	NA	NA	1.0	1.4	2.6	3.4	.0	.0
Office of Telecomm Policy	.6	.3	2.5	1.9	NA	NA	NA	NA	NA	NA	NA
Office of Thrift Supervision 20/	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Small Business Administration	.0	.0	.2	.1	.5	.0	.0	.0	.0	.0	.0
Smithsonian Institution	24.0	24.7	24.8	25.7	29.7	34.9	36.9	41.0	44.9	52.4	56.0
Special Action Office for Drug Abuse Prevention	12.0	11.1	3.8	NA	NA	NA	NA	NA	NA	NA	NA
Tennessee Valley Authority	12.5	11.6	14.7	16.5	22.9	13.5	16.5	15.8	14.2	12.7	12.3
United States Arms Control & Disarmament Agency	1.7	1.1	1.0	1.4	1.8	2.5	2.7	3.0	1.6	1.3	.8
US Information Agency 22/	.1	.1	.1	.1	.1	.1	.1	.1	1.1	.0	-
US Internat'l Trade Commission	.0	.0	.0	1.5	2.6	3.1	3.4	2.1	3.4	3.8	4.7

1/ Includes programs of the Farmer Cooperative Service for fiscal years 1970-76

2/ Fiscal year 1979 was the first year in which Congress appropriated funds to the Agricultural Marketing Service. Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ Includes the former Agriculture Research Service of the Science and Education Administration for fiscal years 1978-80

4/ Includes former Cooperative State Research Service of the Science and Education Administration for fiscal years 1978-80

5/ Includes programs of the Economic Research Service, the Statistical Reporting Service, and the Farmer Cooperative Service for fiscal years 1977-79

6/ Includes programs of the Economic Research Service and the Statistical Reporting Service for fiscal year 1980

7/ In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

8/ In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

9/ In 1977 the Energy Research and Development Administration became part of the Department of Energy.

10/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

11/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

12/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

13/ As of 1985 the Office of Water Research and Technology has been combined with the Geological Survey.

14/ The Bureau of Prisons was formerly listed as Federal Prison System.

15/ In 1984 the Labor-Management Services Administration was replaced by Labor-Management Relations and Cooperative Programs.

16/ Agency for International Development (AID) became separate from the Department of State in 1979. AID includes programs of the International Development Cooperative Agency for fiscal years 1979-81.

17/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

18/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

19/ Formerly listed as Office of Protective Research

20/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

21/ As of 1985 the National Archives and Records Administration is separate from the General Services Administration.

22/ Data reported for the US Information Agency include funds for the former International Communication Agency for fiscal years 1977-81.

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY:
NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-150a. Federal obligations for research, by selected agency: fiscal years 1984-94

[Dollars in millions]

Selected agency	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Total, all agencies	14,978.8	16,133.4	16,502.2	17,940.5	18,650.1	20,765.5	21,622.4	23,968.4	24,490.6	27,451.3	28,123.8
Departments:											
Dept of Agriculture, total	834.9	910.9	896.4	918.9	985.2	1,002.2	1,061.3	1,175.5	1,261.0	1,263.8	1,299.8
Agricultural Coop Svc 1/	2.2	2.9	2.6	2.7	2.7	2.8	2.7	2.8	3.4	3.5	3.6
Agricultural Marketing Svc 2/	1.2	1.3	1.3	1.2	1.3	1.3	2.2	3.7	4.1	4.2	4.3
Agricultural Research Svc 3/	424.3	442.0	436.0	454.6	479.4	492.1	512.3	550.8	583.2	582.4	595.9
Animal & Plant Health Inspection Service	.0	.0	4.2	4.9	5.6	7.4	.0	.0	.0	.0	.0
Cooperative State Rsch Svc 4/	235.7	284.3	269.0	270.7	298.4	307.3	324.2	376.8	418.2	418.6	416.5
Economic Research Svc	43.7	46.4	44.6	44.8	48.1	49.5	50.5	54.4	58.9	58.9	51.5
Federal Grain Inspection Svc	.0	.8	.6	.7	.6	.8	.2	.7	1.5	1.2	1.0
Forest Service	105.1	109.8	109.7	122.9	131.5	127.5	153.8	170.2	175.8	181.2	208.8
Human Nutrition Info Svc	6.0	6.7	12.8	6.8	8.2	8.4	9.0	9.9	10.7	8.5	13.1
Nat'l Agricultural Stat Svc	8.2	8.4	8.0	3.4	3.6	2.9	2.8	3.2	3.6	3.6	3.7
Office of International Cooperation & Development	7.5	7.3	6.6	5.3	4.8	2.3	3.4	3.0	1.5	1.5	1.6
Office of Transportation 2/	.9	1.1	.9	.9	.9	NA	NA	NA	NA	NA	NA
Department of Commerce, total	296.7	324.2	339.5	338.6	342.3	351.0	377.0	449.7	595.9	633.0	743.2
Bureau of the Census	2.4	2.5	2.6	2.8	3.8	3.0	4.9	4.8	3.4	3.0	3.1
Economic Development Admin	5.1	2.0	2.3	5.0	4.2	1.0	1.2	1.4	.5	.0	.5
National Institute of Standards & Technology	83.7	86.5	89.1	89.4	98.9	105.6	111.8	124.3	149.4	200.1	265.5
National Oceanic & Atmospheric Administration	197.7	224.4	237.5	234.4	228.2	234.6	252.4	315.6	438.7	425.7	468.9
National Telecommunications & Information Administration	7.7	7.9	7.6	7.0	7.3	6.9	6.8	3.6	4.0	4.1	5.2
Office of the Secretary	-	.9	.3	-	.0	.0	.0	.0	.0	.0	.0
Department of Defense, total	3,048.5	3,168.3	3,227.3	3,347.6	3,239.1	3,656.1	3,529.2	3,717.9	4,073.4	4,875.7	4,415.9
Department of the Army	708.8	823.4	827.3	909.9	753.7	823.4	780.2	860.5	932.7	1,069.8	841.8
Department of the Navy	765.4	791.3	784.3	786.7	747.8	783.2	807.6	874.0	892.8	1,038.0	969.0
Department of the Air Force	740.1	736.7	759.0	784.8	773.1	807.4	776.3	830.4	790.5	978.5	1,012.4
Defense agencies	834.3	816.9	856.7	866.1	964.5	1,242.1	1,165.1	1,153.0	1,457.3	1,789.5	1,592.7
Department of Education	80.9	91.9	95.8	106.9	111.0	122.0	130.3	131.7	127.0	129.3	142.6
Department of Energy 5/ 6/	2,024.9	2,141.0	2,040.3	2,097.9	2,235.4	2,431.7	2,570.5	3,273.6	3,412.5	3,602.1	3,513.2

See explanatory information, if any, and SOURCE at end of table.

Table C-150a. Federal obligations for research, by selected agency: fiscal years 1984-94

[Dollars in millions]

Page 2 of 4

Selected agency	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Department of Health & Human Services, total	4,466.0	5,028.3	5,189.6	6,021.9	6,497.0	7,088.4	7,467.1	8,162.5	7,945.5	9,140.5	9,484.3
Administration on Aging 7/	NA	NA	NA	NA	NA	NA	NA	2.9	2.5	2.5	2.5
Administration for Children & Families 7/ 8/	NA	NA	NA	NA	NA	NA	.0	13.5	34.3	17.8	17.4
Agency for Health Care Policy & Research 9/	NA	NA	NA	NA	NA	NA	44.2	93.0	97.8	105.7	135.6
Alcohol, Drug Abuse, & Mental Health Administration	336.0	376.4	394.9	473.3	552.4	692.6	801.2	923.0	.0	.0	.0
Centers for Disease Control	46.3	47.6	52.2	66.2	88.7	117.8	95.6	113.4	146.9	149.5	183.1
Food & Drug Administration	77.8	82.1	79.4	85.0	91.0	99.0	99.0	125.0	135.7	139.1	151.2
Health Care Financing Admin	33.1	33.5	29.0	27.3	28.2	49.1	49.1	69.1	75.5	68.7	68.6
Health Resources & Services Administration	16.2	18.2	12.3	9.3	10.0	10.5	11.9	11.0	10.1	10.5	10.9
Human Development Services 7/	4.5	5.8	6.8	9.4	7.1	8.5	7.7	NA	NA	NA	NA
Nat'l Institutes of Health 10/	3,910.4	4,428.1	4,587.6	5,314.7	5,680.7	6,061.8	6,335.8	6,783.0	7,398.7	8,598.6	8,866.1
Office of the Assistant Secretary for Health 9/	18.1	16.9	15.8	18.9	19.4	25.6	5.8	9.6	6.0	.0	6.0
Office of the Secretary	10.0	9.4	6.1	8.2	4.7	7.8	5.0	8.8	5.0	8.0	15.9
Social Security Admin	13.5	10.4	5.6	9.8	14.7	15.8	11.8	10.2	33.0	40.1	27.1
Dept of Housing & Urban Dvlpmt	6.3	6.5	5.3	5.5	6.3	6.1	6.6	9.4	8.8	9.4	12.8
Dept of the Interior, total	380.2	369.3	367.9	382.1	392.5	441.9	475.2	553.4	570.6	573.2	545.0
Bureau of Land Management	1.8	2.8	2.1	2.1	2.2	2.0	2.1	5.9	5.9	8.0	6.5
Bureau of Mines	97.2	86.5	81.6	85.2	86.2	93.2	89.9	99.0	102.9	108.8	84.5
Bureau of Reclamation	9.0	11.2	9.7	10.2	3.7	3.5	5.3	7.8	10.7	7.3	6.6
Geological Survey 11/	204.0	210.5	211.2	216.5	225.3	266.9	293.2	338.4	344.5	342.2	349.9
Minerals Management Service	1.5	1.4	1.1	1.0	1.2	2.2	1.9	2.7	3.8	5.0	5.0
National Park Service	14.0	15.0	17.3	18.5	19.4	19.4	20.1	27.5	31.1	32.0	7.7
Office of the Secretary	.1	1.9	1.0	.0	.1	.0	.0	.1	.2	.2	.2
Office of Surface Mining Reclamation & Enforcement	.8	2.0	2.3	1.0	1.0	.7	.7	1.0	.3	.4	.0
Off of Water Rsch & Tech 11/	3.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
US Fish & Wildlife Service	48.3	37.9	41.7	47.6	53.5	53.9	62.0	71.0	71.2	69.2	84.6
Department of Justice, total	17.9	19.3	22.3	19.8	17.4	17.5	19.9	21.1	20.3	18.4	17.4
Bureau of Prisons 12/	1.2	1.1	2.7	2.2	2.1	2.1	1.8	1.9	2.5	2.5	2.5
Drug Enforcement Admin	.7	.5	.8	.7	.6	.5	.4	.9	.1	.0	.0
Immigration & Naturalization Service	.3	.2	.2	.2	.3	.1	.4	.4	.4	.4	.4
Office of Justice Programs	15.7	17.2	18.5	16.7	14.4	14.8	17.3	17.9	17.3	15.5	14.5
Office of Legal Policy	.0	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0

See explanatory information, if any, and SOURCE at end of table.

Table C-150a. Federal obligations for research, by selected agency: fiscal years 1984-94

[Dollars in millions]

Page 3 of 4

Selected agency	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Department of Labor, total	16.3	12.4	9.5	20.4	26.7	22.2	21.6	24.3	23.8	20.1	20.7
Bureau of Labor Statistics	.5	.6	.6	6.5	7.0	7.0	7.3	7.5	7.6	6.9	7.0
Employment Standards Admin	.9	-	.0	1.0	.1	.1	.1	.0	.0	.0	.0
Employment & Training Admin	6.1	3.5	3.5	5.4	6.8	6.1	6.0	6.6	5.6	3.3	3.3
Labor-Management Relations & Cooperative Programs 13/	.3	.3	.2	.3	.4	.3	.0	.0	NA	NA	NA
Occupational Safety & Health Administration	5.1	4.5	3.6	4.1	4.2	4.5	2.5	2.6	3.1	3.7	3.8
Office of the Secretary	1.9	1.7	1.3	1.8	5.2	2.5	3.3	4.7	4.1	2.8	3.3
Pension Benefit Guaranty Corporation	.3	.2	.1	.3	.3	.3	.3	.4	.8	.7	.7
Pension & Welfare Benefit Administration	1.2	1.6	.3	1.0	2.7	1.4	2.1	2.5	2.6	2.6	2.6
Department of State, total	1.6	1.5	1.5	3.0	4.2	4.7	4.7	5.9	5.6	5.4	5.4
Departmental funds	.0	.0	.0	.0	.0	.0	.0	.0	5.6	5.4	5.4
Dept of Transportation, total	77.7	71.2	68.2	68.8	91.2	120.5	119.2	114.6	156.9	333.9	281.2
Coast Guard	7.2	5.4	3.5	3.7	5.4	4.6	5.1	6.4	5.0	8.9	6.1
Federal Aviation Admin	15.0	17.3	14.0	11.1	13.3	23.6	26.1	24.0	30.1	68.7	75.1
Federal Highway Admin	6.1	6.3	14.7	20.7	43.7	56.6	57.6	46.1	73.2	189.6	149.7
Federal Railroad Admin	12.3	11.4	12.5	10.4	8.2	7.5	8.5	13.2	18.9	25.9	14.0
Federal Transit Admin 14/	1.0	.5	.0	.0	.0	.0	.0	.0	.0	6.0	6.0
Maritime Administration 15/	8.6	8.0	6.8	3.3	.5	.0	.9	1.7	1.8	1.7	1.7
National Highway Traffic Safety Administration	24.7	20.9	16.1	18.9	19.1	26.2	16.9	21.4	25.8	31.6	27.0
Office of the Secretary	.9	.9	.4	.4	.7	1.3	1.7	.6	.7	.6	.8
Rsch & Special Programs Admin	1.8	.5	.3	.2	.4	.7	2.4	1.4	1.4	.9	.8
Dept of the Treasury, total	10.6	18.3	17.7	17.4	15.9	16.3	18.7	24.1	20.8	11.0	21.5
Bureau of Engraving & Printing	2.2	3.4	3.1	2.8	1.2	1.4	1.4	2.7	1.8	3.7	5.0
Internal Revenue Service 16/	8.1	14.7	14.0	14.1	13.7	14.1	16.5	17.5	17.5	5.8	14.3
Off of Thrift Supervision 17/	NA	NA	NA	NA	NA	NA	.0	3.0	.8	.8	.9
United States Customs Svc	.1	.1	.2	.2	.7	.4	.4	.5	.2	.1	.7
United States Secret Svc 18/	.1	.2	.4	.2	.4	.4	.5	.4	.5	.6	.6
Department of Veterans Affairs	171.9	209.1	169.9	190.3	196.1	213.7	215.6	193.8	200.9	204.4	173.7
Other agencies:											
Advisory Commission on Intergovernmental Relations	2.1	2.4	2.1	1.9	1.8	1.1	1.5	1.7	1.7	2.5	1.9
Agcy for Internat'l Dvlpmt 19/	167.0	159.8	164.9	154.0	135.1	219.1	305.2	357.4	300.1	289.8	282.9
Appalachian Regional Commission	.4	.2	.2	.1	.2	.8	.4	.7	1.9	.9	.9
Consumer Product Safety Comm	1.1	1.4	1.1	.6	.1	.5	.4	.9	.8	.9	.1
Environmental Protection Agency	172.0	214.6	217.8	277.2	267.9	273.3	315.2	353.1	404.3	441.8	576.9
Federal Communications Comm	.9	1.2	.9	1.0	1.2	1.1	1.3	1.4	1.6	1.8	1.7
Federal Emergency Management Agency	6.1	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0
Federal Home Loan Bank Board 17/	2.6	2.8	3.3	3.4	3.4	NA	NA	NA	NA	NA	NA
Federal Trade Commission	1.6	1.7	1.8	.5	.4	.4	.5	1.0	1.3	.8	.9

See explanatory information, if any, and SOURCE at end of table.

Table C-150a. Federal obligations for research, by selected agency: fiscal years 1984-94

[Dollars in millions]

Selected agency	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
General Services Admin 20/	0.4	0.4	0.9	1.6	2.3	0.5	0.7	.0	.0	.0	.0
Library of Congress	2.1	2.1	1.6	1.5	1.6	1.6	1.5	1.7	1.8	2.1	2.1
National Aeronautics & Space Administration	1,709.2	1,783.6	2,069.0	2,269.2	2,331.6	2,878.8	3,060.7	3,371.2	3,229.3	3,558.3	4,096.1
National Archives & Records Administration 20/	NA	.2	.0	.7	.5	.2	.3	.6	.6	.3	.3
National Science Foundation	1,202.8	1,345.6	1,353.3	1,470.5	1,532.8	1,670.4	1,689.5	1,785.2	1,868.4	2,072.6	2,217.0
Nuclear Regulatory Commission	190.7	150.0	123.6	122.5	108.5	114.6	106.6	106.8	119.0	119.7	122.1
Office of Thrift Supervision 17/	NA	NA	NA	NA	NA	4.1	4.1	NA	NA	NA	NA
Smithsonian Institution	63.6	71.1	63.3	71.5	75.1	80.2	84.0	98.0	98.0	100.0	100.9
Tennessee Valley Authority	14.3	14.4	17.8	17.7	18.5	14.6	21.7	18.8	24.4	25.3	27.4
United States Arms Control & Disarmament Agency	1.2	1.1	.9	.4	.8	1.2	.2	.4	2.1	1.0	1.0
US Information Agency 21/	1.4	.1	1.6	.0	.1	.0	.5	.1	.0	1.2	.7
US Internat'l Trade Commission	5.0	5.8	6.9	7.2	8.1	8.7	9.1	9.9	12.3	12.5	14.3

1/ Includes programs of the Farmer Cooperative Service for fiscal years 1970-76

2/ Fiscal year 1979 was the first year in which Congress appropriated funds to the Agricultural Marketing Service. Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1969.

3/ Includes the former Agriculture Research Service of the Science and Education Administration for fiscal years 1978-80

4/ Includes former Cooperative State Research Service of the Science and Education Administration for fiscal years 1978-80

5/ In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

6/ In 1977 the Energy Research and Development Administration became part of the Department of Energy.

7/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

8/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

9/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

10/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

11/ As of 1985 the Office of Water Research and Technology has been combined with the Geological Survey.

12/ The Bureau of Prisons was formerly listed as Federal Prison System.

13/ In 1984 the Labor-Management Services Administration was replaced by Labor-Management Relations and Cooperative Programs.

14/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

15/ In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

16/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

17/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

18/ Formerly listed as Office of Protective Research

19/ Agency for International Development (AID) became separate from the Department of State in 1979. AID includes programs of the International Development Cooperative Agency for fiscal years 1979-81.

20/ As of 1985 the National Archives and Records Administration is separate from the General Services Administration.

21/ Data reported for the US Information Agency include funds for the former International Communication Agency for fiscal years 1977-81.

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-151. Federal obligations for basic research, by selected agency: fiscal years 1973-83

[Dollars in millions]

Page 1 of 3

Selected agency	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total, all agencies	2,232.0	2,387.7	2,588.4	2,767.5	3,258.6	3,698.6	4,192.7	4,674.2	5,041.3	5,481.6	6,260.1
Departments:											
Dept of Agriculture, total	142.7	145.6	154.2	171.4	204.5	242.7	256.4	275.7	314.1	330.8	362.0
Agricultural Research Svc 1/	84.6	85.5	91.2	101.7	125.6	142.4	148.2	157.8	186.4	192.9	215.3
Cooperative State Rsch Svc 2/	34.0	34.0	38.4	43.1	48.4	65.6	70.5	75.2	83.9	91.3	98.8
Economics, Stat & Coop Svc 3/	NA	NA	NA	NA	3.8	3.9	6.4	NA	NA	NA	NA
Economic Research Svc	4.8	5.4	3.2	3.6	NA	NA	NA	NA	3.6	3.9	3.9
Economics & Statistics Svc 4/	NA	NA	NA	NA	NA	NA	NA	6.6	NA	NA	NA
Forest Service	19.3	20.7	21.1	22.6	26.7	30.8	31.4	33.7	38.1	38.7	38.8
Nat'l Agricultural Stat Svc	.1	-	.3	.4	NA	NA	NA	NA	.0	2.3	2.5
Office of International Cooperation & Development	NA	NA	NA	NA	NA	NA	.0	2.3	1.7	1.1	2.3
Office of Transportation 5/	NA	NA	NA	NA	NA	NA	.0	.0	.5	.5	.5
Department of Commerce, total	6.6	7.7	8.1	11.0	12.3	11.8	11.9	15.9	16.2	16.9	19.2
Bureau of the Census	.2	.2	.2	.2	.2	.5	.6	.5	.4	.3	.3
Economic Development Admin	.0	.0	.0	1.7	1.0	2.7	.5	.3	.2	.0	.5
Maritime Administration 6/	1.8	1.2	1.7	1.2	1.2	2.7	2.0	2.0	NA	NA	NA
Minority Business Dvlpmt Agcy	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0
National Fire Prevention & Control Administration	.0	.0	.7	2.1	2.7	NA	NA	NA	NA	NA	NA
National Institute of Standards & Technology	4.5	6.2	5.4	5.8	6.9	5.9	8.8	12.8	15.6	16.5	18.4
National Telecommunications & Information Administration	NA	NA	NA	NA	.1	.0	.0	.0	.0	.0	.0
Office of Telecommunications	.2	.2	.1	.1	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	.0	.0	.0	.0	.0	.0	.0	.3	.0	-	-
Department of Defense, total	306.7	302.9	300.1	326.9	373.3	410.4	471.5	540.3	604.3	686.7	785.6
Department of the Army	76.9	76.3	71.7	81.4	99.0	104.1	115.0	132.2	148.1	187.7	208.3
Department of the Navy	112.7	114.2	118.7	129.7	153.8	172.1	192.1	214.9	238.0	280.3	305.4
Department of the Air Force	79.9	77.5	78.9	83.9	84.8	95.1	105.0	108.2	125.8	145.8	164.2
Defense agencies	37.2	34.9	30.7	31.9	35.6	39.1	59.3	85.1	92.4	72.9	107.7
Department of Education	NA	NA	NA	NA	NA	NA	20.6	17.6	20.6	14.2	14.2
Department of Energy 7/ 8/	NA	NA	NA	NA	389.5	440.5	463.0	523.1	586.3	642.2	767.7
Department of Health, Education, & Welfare, total	667.3	850.1	903.7	986.2	1,119.5	1,292.3	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	52.6	53.3	66.2	52.6	62.7	79.9	NA	NA	NA	NA	NA
Health Resources Admin	7.4	7.4	.0	3.1	.0	.0	NA	NA	NA	NA	NA
Health Services Admin	1.5	.6	1.2	.3	2.0	.6	NA	NA	NA	NA	NA
Nat'l Institute of Education	11.4	4.8	1.9	5.1	11.9	18.3	NA	NA	NA	NA	NA
Nat'l Institutes of Health	593.0	775.3	828.5	920.3	1,032.8	1,181.1	NA	NA	NA	NA	NA
Office of the Assistant Secretary for Health	.0	.0	.0	.0	4.0	5.1	NA	NA	NA	NA	NA
Office of Education	.1	.2	.0	.0	.0	.0	NA	NA	NA	NA	NA
Off of Human Development Svcs	.0	.0	.0	.0	2.2	2.2	NA	NA	NA	NA	NA
Office of Internat'l Health	.7	2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	.0	4.2	4.1	4.9	4.0	5.1	NA	NA	NA	NA	NA
Social Security Admin	.8	1.6	1.8	.0	.0	.0	NA	NA	NA	NA	NA

See explanatory information, if any, and SOURCE at end of table.

Table C-151. Federal obligations for basic research, by selected agency: fiscal years 1973-83

[Dollars in millions]

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Selected agency	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Department of Health & Human Services, total	NA	NA	NA	NA	NA	NA	1,576.0	1,762.7	1,900.4	2,144.7	2,475.4
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA	NA	94.6	104.7	116.3	117.3	145.0
Health Resources & Services Administration	NA	NA	NA	NA	NA	NA	NA	NA	NA	.6	.8
Health Svcs Administration	NA	NA	NA	NA	NA	NA	2.0	2.0	3.8	NA	NA
Human Development Services 9/	NA	NA	NA	NA	NA	NA	.0	.0	.4	.4	.0
Nat'l Institutes of Health 10/	NA	NA	NA	NA	NA	NA	1,463.7	1,642.3	1,766.8	2,020.7	2,313.0
Office of the Assistant Secretary for Health 11/	NA	NA	NA	NA	NA	NA	13.6	11.6	12.4	5.7	16.6
Office of the Secretary	NA	NA	NA	NA	NA	NA	2.1	2.0	.6	.0	.0
Dept of the Interior, total	48.7	48.7	54.9	54.3	63.6	65.9	72.5	71.6	80.7	76.5	103.0
Bonneville Power Admin 7/	.0	.0	.0	.0	.0	.0	.0	.0	.4	NA	NA
Bureau of Mines	6.9	5.6	1.9	.8	4.0	8.6	13.7	11.5	13.6	15.9	23.5
Bureau of Reclamation	.1	.1	-	.1	.1	.2	.1	.2	.1	.1	.1
Geological Survey 12/	27.7	27.2	38.6	39.5	40.3	46.3	49.0	47.3	53.5	52.6	64.7
National Park Service	.8	1.0	.6	.6	.0	.0	.0	.0	.0	.0	.0
Office of Coal Research	.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	.7	.0	.0	1.0	3.2	1.7	1.4	2.2	1.5	.5	7.4
Off of Water Rsch & Tech 12/	3.2	3.7	3.9	3.6	2.9	4.6	4.6	6.6	7.6	3.3	.5
Off of Water Resources Rsch	3.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
US Fish & Wildlife Service	9.3	11.0	9.9	8.8	13.1	4.5	3.7	3.8	3.9	4.1	6.9
Department of Justice, total	2.1	2.1	9.5	4.5	5.1	14.7	7.9	9.5	4.6	3.1	3.6
Office of Justice Programs	2.1	2.1	9.5	4.5	5.1	14.7	7.9	9.5	4.6	3.1	3.6
Department of Labor, total	1.3	1.2	.9	1.0	.7	3.7	2.3	3.9	3.7	6.5	5.3
Employment & Training Admin	.4	.6	.5	.6	.6	3.5	1.8	3.9	3.7	6.5	5.3
Labor-Management Services Administration 13/	.9	.6	.3	.3	.1	.2	.5	.0	.0	.0	.0
Department of State, total	.0	.0	1.5	.0	.0	.0	-	.0	.0	.0	.0
Agcy for Internat'l Dvlpmt 14/	.0	.0	1.5	.0	.0	.0	NA	NA	NA	NA	NA
Departmental funds	.0	.0	.0	.0	.0	.0	-	.0	.0	.0	.0
Dept of Transportation, total	.2	.3	.1	.0	.0	.0	.0	.0	1.2	1.0	.9
Coast Guard	.1	.2	.1	.0	.0	.0	.0	.0	.3	.0	.4
Maritime Administration 6/	NA	NA	NA	NA	NA	NA	NA	NA	.7	1.0	.5
Office of the Secretary	-	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
Rsch & Special Programs Admin	NA	NA	NA	NA	.0	.0	.0	.0	.3	.0	.0
Dept of the Treasury, total	.0	.0	.0	.0	.0	.0	.2	1.7	2.3	2.2	3.5
Bureau of Engraving & Printing	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
Internal Revenue Service 15/	.0	.0	.0	.0	.0	.0	.2	1.7	2.3	2.2	2.9
Department of Veterans Affairs	3.2	3.6	3.9	8.9	9.1	8.9	9.5	14.3	15.0	12.9	14.1

See explanatory information, if any, and SOURCE at end of table.

Table C-151. Federal obligations for basic research, by selected agency: fiscal years 1973-83

[Dollars in millions]

Page 3 of 3

Selected agency	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Other agencies:											
Action	.0	.1	.1	-	.1	.0	.0	.0	.0	.0	.0
Agcy for Internat'l Dvlpmt 14/	NA	NA	NA	NA	NA	NA	.0	.0	.0	.0	4.1
Atomic Energy Commission	275.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Civil Service Commission	.2	.2	.6	.3	.4	NA	NA	NA	NA	NA	NA
Consumer Product Safety Comm	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0
Energy Rsch & Dvlpmt Admin 8/	NA	269.5	312.8	345.8	NA	NA	NA	NA	NA	NA	NA
Environmental Protection Agency	9.0	9.5	17.4	13.7	8.3	6.0	10.1	13.6	10.5	32.7	22.2
Federal Emergency Management Agency	NA	NA	NA	NA	NA	2.8	3.0	2.6	2.6	1.4	.0
Federal Trade Commission	.0	.0	.0	.3	.4	.5	.4	1.5	.9	1.0	1.2
General Services Admin 16/	-	.5	.3	.1	.1	1.8	-	.0	.0	.0	.0
Library of Congress	.0	.0	.0	.2	.1	.1	.1	.1	.2	.1	.3
National Aeronautics & Space Administration	350.3	305.9	309.3	293.2	413.8	479.7	512.8	559.1	531.1	535.7	617.0
National Science Foundation	392.4	415.2	486.0	523.6	624.9	678.0	733.3	815.2	896.6	916.1	999.1
Office of Economic Opportunity	.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of Telecomm Policy	.0	.0	.4	.4	NA	NA	NA	NA	NA	NA	NA
Smithsonian Institution	24.0	24.7	24.8	25.7	29.7	34.9	36.9	41.0	44.9	52.4	56.0
Special Action Office for Drug Abuse Prevention	1.0	.0	.0	NA	NA	NA	NA	NA	NA	NA	NA
Tennessee Valley Authority	.0	.0	.0	.0	3.5	3.8	4.1	4.6	4.8	4.6	5.6
US Information Agency 17/	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0

1/ Includes the former Agriculture Research Servce of the Science and Education Administration for fiscal years 1978-80

2/ Includes former Cooperative State Research Service of the Science and Education Administration for fiscal years 1978-80

3/ Includes programs of the Economic Research Service, the Statistical Reporting Service, and the Farmer Cooperative Service for fiscal years 1977-79

4/ Includes programs of the Economic Research Service and the Statistical Reporting Service for fiscal year 1980

5/ Fiscal year 1979 was the first year in which Congress appropriated funds to the Agricultural Marketing Service. Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

6/ In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

7/ In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

8/ In 1977 the Energy Research and Development Administration became part of the Department of Energy.

9/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

10/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

11/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

12/ As of 1985 the Office of Water Research and Technology has been combined with the Geological Survey.

13/ In 1984 the Labor-Management Services Administration was replaced by Labor-Management Relations and Cooperative Programs.

14/ Agency for International Development (AID) became separate from the Department of State in 1979. AID includes programs of the International Development Cooperative Agency for fiscal years 1979-81.

15/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

16/ As of 1985 the National Archives and Records Administration is separate from the General Services Administration.

17/ Data reported for the US Information Agency include funds for the former International Communication Agency for fiscal years 1977-81.

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-151a. Federal obligations for basic research, by selected agency: fiscal years 1984-94

[Dollars in millions]

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Selected agency	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Total, all agencies	7,067.4	7,818.7	8,153.1	8,942.4	9,473.6	10,602.0	11,285.6	12,170.8	12,489.9	13,897.4	14,346.1
Departments:											
Dept of Agriculture, total	392.6	445.4	432.9	445.5	480.6	484.9	519.2	557.6	595.2	596.9	631.0
Agricultural Marketing Svc 1/	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0
Agricultural Research Svc 2/	240.6	250.2	247.7	253.4	271.1	282.7	294.0	309.7	326.1	325.6	384.8
Cooperative State Rsch Svc 3/	99.6	141.5	131.7	132.8	145.8	142.6	153.7	170.4	189.6	189.7	204.9
Economic Research Svc	4.4	4.6	4.5	6.3	6.7	6.9	7.1	7.6	8.2	8.3	7.2
Forest Service	41.2	44.1	42.2	49.4	51.6	50.0	60.3	66.6	68.9	70.9	81.7
Nat'l Agricultural Stat Svc	2.7	2.8	2.6	1.1	1.2	1.0	.9	1.1	1.2	1.2	1.2
Office of International Cooperation & Development	3.6	1.5	3.7	1.9	3.6	1.7	2.6	2.2	1.2	1.2	1.2
Office of Transportation 1/	.6	.6	.5	.5	.5	NA	NA	NA	NA	NA	NA
Department of Commerce, total	20.6	23.2	26.5	25.8	30.9	29.1	31.4	34.3	34.5	37.1	40.4
Bureau of the Census	.4	.4	.5	.7	1.3	1.2	2.8	2.4	.9	.3	.3
National Institute of Standards & Technology	20.2	22.1	25.7	25.1	26.3	27.9	28.6	31.9	33.6	36.8	40.1
National Oceanic & Atmospheric Administration	.0	.0	.0	.0	3.2	.0	.0	.0	.0	.0	.0
Office of the Secretary	.0	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0
Department of Defense, total	847.9	861.4	923.9	907.6	876.9	947.9	947.6	994.2	1,098.9	1,238.4	1,236.7
Department of the Army	222.1	240.8	248.5	217.0	165.7	187.2	185.1	188.6	204.9	213.3	210.4
Department of the Navy	315.8	343.1	337.3	354.3	341.8	354.0	365.0	388.0	393.8	406.0	433.0
Department of the Air Force	192.4	198.3	216.5	221.6	196.4	202.8	197.0	209.2	205.8	238.5	246.0
Defense agencies	117.6	79.2	121.7	114.8	173.0	203.9	200.5	208.3	294.4	380.6	347.3
Department of Education	12.2	14.6	4.5	3.1	4.4	4.4	4.9	8.6	7.5	6.9	11.1
Department of Energy 4/ 5/	830.4	942.6	959.7	1,068.5	1,184.8	1,410.9	1,504.8	1,686.5	1,736.4	1,775.4	1,781.8
Department of Health & Human Services, total	2,814.5	3,232.5	3,338.8	3,827.9	4,081.4	4,388.0	4,649.0	5,050.1	5,058.7	5,883.5	6,066.5
Alcohol, Drug Abuse, & Mental Health Administration	170.8	196.8	203.4	232.2	265.8	308.0	386.2	459.1	.0	.0	.0
Health Resources & Services Administration	.8	.9	1.0	1.3	1.1	1.2	1.2	1.5	1.3	1.3	1.2
Nat'l Institutes of Health 6/	2,624.8	3,018.0	3,118.6	3,575.5	3,795.1	4,053.3	4,261.7	4,589.5	5,057.4	5,882.2	6,065.2
Office of the Assistant Secretary for Health 7/	18.1	16.9	15.8	18.9	19.4	25.6	.0	.0	.0	.0	.0
Dept of the Interior, total	125.9	138.3	133.0	134.9	126.5	188.9	205.4	229.3	230.9	229.3	213.4
Bureau of Land Management	.0	.0	.0	.0	.0	.0	.0	1.1	.6	.6	.6
Bureau of Mines	40.5	49.9	44.9	45.6	32.1	43.9	40.6	42.8	43.7	45.6	29.0
Bureau of Reclamation	.1	.3	.1	.1	.1	-	.1	.1	.0	.0	.0
Geological Survey 8/	78.9	80.5	83.4	84.9	89.5	140.2	159.1	179.1	180.1	177.0	176.1
Office of the Secretary	.1	1.9	1.0	.0	.0	.0	.0	.0	.0	.0	.0
Off of Water Rsch & Tech 8/	.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
US Fish & Wildlife Service	5.9	5.7	3.6	4.3	4.8	4.8	5.6	6.2	6.4	6.2	7.6

See explanatory information, if any, and SOURCE at end of table.

Table C-151a. Federal obligations for basic research, by selected agency: fiscal years 1984-94

[Dollars in millions]

Page 2 of 2

Selected agency	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates 1993	Estimates 1994
Department of Justice, total	4.7	4.2	5.3	8.1	7.6	6.8	8.8	6.4	5.3	3.7	3.4
Office of Justice Programs	4.7	4.2	5.3	8.1	7.6	6.8	8.8	6.4	5.3	3.7	3.4
Department of Labor, total	5.0	3.3	.9	1.4	.4	.3	.3	.3	.2	.2	.2
Employment & Training Admin	5.0	3.3	.9	1.4	.4	.3	.3	.3	.2	.1	.1
Pension Benefit Guaranty Corporation	.0	.0	.0	.0	.0	.0	.0	.0	-	.1	.1
Department of State, total	.0	.0	.0	2.6	3.1	3.4	3.5	4.6	4.9	4.9	4.9
Departmental funds	.0	.0	.0	.0	.0	.0	.0	.0	4.9	4.9	4.9
Dept of Transportation, total	3.5	1.1	.6	.2	.0	.0	.0	.0	1.2	3.5	2.3
Federal Highway Admin	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.5	2.3
Maritime Administration 9/	3.5	1.1	.6	.2	.0	.0	.0	.0	.0	.0	.0
Dept of the Treasury, total	4.0	4.8	5.1	4.7	4.8	3.4	3.4	3.6	3.6	5.8	14.3
Bureau of Engraving & Printing	.8	.3	.4	.1	.1	.5	.0	.0	.0	.0	.0
Internal Revenue Service 10/	3.2	4.4	4.5	4.4	4.7	2.9	3.4	3.6	3.6	5.8	14.3
United States Secret Svc 11/	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0
Department of Veterans Affairs	15.8	15.4	14.8	17.2	17.3	16.6	16.2	16.1	15.7	14.2	11.9
Other agencies:											
Agcy for Internat'l Dvlpmt 12/	3.0	1.7	4.3	2.8	3.0	3.1	5.0	5.7	5.8	6.7	5.7
Environmental Protection Agency	29.6	38.6	38.5	31.1	27.2	50.7	73.6	91.2	110.4	114.4	180.0
Federal Trade Commission	1.3	1.5	1.6	.0	.0	.0	.0	.0	.0	.0	.0
General Services Admin 13/	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
Library of Congress	.6	.6	.4	.4	.4	.4	.3	.4	.4	.5	.5
National Aeronautics & Space Administration	754.5	750.9	916.7	1,013.7	1,112.7	1,417.4	1,636.9	1,705.6	1,738.2	1,952.3	1,991.3
National Archives & Records Administration 13/	NA	.1	.0	.5	.2	.1	.2	.4	.5	.2	.2
National Science Foundation	1,132.3	1,261.8	1,275.2	1,371.2	1,433.2	1,562.6	1,586.3	1,676.2	1,741.5	1,921.4	2,047.5
Smithsonian Institution	63.6	71.1	63.3	71.5	75.1	80.2	84.0	98.0	98.0	100.0	100.9
Tennessee Valley Authority	5.1	5.5	7.3	3.9	3.2	2.9	4.7	1.9	2.1	2.1	2.1

1/ Fiscal year 1979 was the first year in which Congress appropriated funds to the Agricultural Marketing Service. Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ Includes the former Agriculture Research Service of the Science and Education Administration for fiscal years 1978-80

3/ Includes former Cooperative State Research Service of the Science and Education Administration for fiscal years 1978-80

4/ In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

5/ In 1977 the Energy Research and Development Administration became part of the Department of Energy.

6/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

7/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

8/ As of 1985 the Office of Water Research and Technology has been combined with the Geological Survey.

9/ In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

10/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

11/ Formerly listed as Office of Protective Research

12/ Agency for International Development (AID) became separate from the Department of State in 1979. AID includes programs of the International Development Cooperative Agency for fiscal years 1979-81.

13/ As of 1985 the National Archives and Records Administration is separate from the General Services Administration.

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-152. Federal obligations for applied research, by selected agency: fiscal years 1973-83

[Dollars in millions]

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Selected agency	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total, all agencies	3,349.4	3,787.6	4,141.3	4,851.9	5,255.5	5,908.2	6,342.3	6,923.2	7,171.5	7,510.6	7,993.4
Departments:											
Dept of Agriculture, total	211.4	219.5	247.8	270.9	319.6	351.8	375.5	381.8	426.9	435.7	455.5
Agricultural Coop Svc 1/	1.2	1.4	1.2	1.2	.0	.0	.0	1.6	1.7	1.7	2.1
Agricultural Marketing Svc 2/	NA	NA	NA	NA	NA	NA	.4	1.0	.9	1.0	1.1
Agricultural Research Svc 3/	105.1	107.9	112.9	125.9	155.4	161.3	172.7	170.8	181.5	186.2	202.6
Cooperative State Rsch Svc 4/	55.4	55.4	62.7	70.3	78.9	91.9	102.1	109.0	115.5	127.7	133.5
Economics, Stat & Coop Svc 5/	NA	NA	NA	NA	25.9	28.8	29.1	NA	NA	NA	NA
Economic Research Svc	12.2	12.7	18.1	20.4	NA	NA	NA	NA	35.8	35.3	34.9
Economics & Statistics Svc 6/	NA	NA	NA	NA	NA	NA	NA	24.5	NA	NA	NA
Forest Service	36.8	41.6	52.2	51.9	59.4	69.8	71.1	72.3	81.8	69.0	65.1
Human Nutrition Info Svc	NA	NA	NA	NA	NA	NA	NA	NA	.0	8.5	8.2
Nat'l Agricultural Library	.3	.1	-	-	NA	NA	NA	NA	NA	NA	NA
Nat'l Agricultural Stat Svc	.4	.4	.7	1.1	NA	NA	NA	NA	7.5	4.7	5.1
Office of International Cooperation & Development	NA	NA	NA	NA	NA	NA	.0	2.6	1.9	1.2	2.5
Office of Transportation 2/	NA	NA	NA	NA	NA	NA	.0	.0	.3	.3	.3
Department of Commerce, total	123.5	121.5	136.3	144.7	163.8	181.0	207.6	238.5	233.2	259.2	265.6
Bureau of the Census	.4	.5	.4	2.0	1.8	1.8	1.2	1.4	2.6	1.8	1.9
Economic Development Admin	.9	.9	1.1	.4	1.5	3.2	8.0	2.2	1.6	1.6	4.8
Maritime Administration 7/	4.2	4.6	4.0	3.8	2.5	4.3	10.2	10.1	NA	NA	NA
Minority Business Dvlpmt Agcy	.0	.2	.9	.4	.5	.0	.0	.0	.0	.0	.0
National Fire Prevention & Control Administration	.0	.0	-	1.1	1.8	NA	NA	NA	NA	NA	NA
National Institute of Standards & Technology	26.6	26.5	29.4	31.7	38.0	42.6	43.0	46.1	50.6	57.4	63.1
National Oceanic & Atmospheric Administration	89.1	87.1	99.7	104.9	115.8	127.9	142.7	168.8	168.5	188.5	188.9
National Telecommunications & Information Administration	NA	NA	NA	NA	1.9	1.1	2.4	9.6	9.9	10.1	6.9
Office of Telecommunications	2.0	1.5	.5	.2	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0
Patent & Trademark Office	.0	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0
US Travel & Tourism Admin	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Department of Defense, total	1,129.4	1,131.5	1,130.9	1,200.6	1,342.6	1,413.6	1,542.6	1,721.4	1,996.6	2,266.1	2,437.0
Department of the Army	300.2	290.1	264.7	281.0	299.0	305.7	333.6	347.1	388.4	451.6	485.3
Department of the Navy	273.7	287.1	287.8	308.3	343.6	354.2	375.2	396.2	460.0	498.4	521.6
Department of the Air Force	261.1	264.1	276.9	298.4	341.0	353.6	387.2	429.1	491.5	488.1	524.2
Defense agencies	291.2	287.3	299.9	312.2	357.8	392.5	446.6	549.1	656.7	828.1	905.9
Defense Civil Preparedness Agency	3.2	2.7	1.7	.7	1.3	7.5	NA	NA	NA	NA	NA
Department of Education	NA	NA	NA	NA	NA	NA	72.8	70.0	33.2	56.3	61.9
Department of Energy 8/ 9/	NA	NA	NA	NA	501.8	661.7	668.9	754.2	827.3	1,053.9	1,193.4

See explanatory information, if any, and SOURCE at end of table.

Table C-152. Federal obligations for applied research, by selected agency: fiscal years 1973-83

[Dollars in millions]

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Selected agency	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Department of Health, Education, & Welfare, total	776.9	996.6	1,021.1	1,164.6	1,294.8	1,448.4	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	69.6	102.3	73.2	84.1	89.3	98.8	NA	NA	NA	NA	NA
Centers for Disease Control	38.3	44.9	42.6	49.6	55.3	60.1	NA	NA	NA	NA	NA
Food & Drug Administration	30.2	43.5	35.9	37.1	42.9	64.1	NA	NA	NA	NA	NA
Health Care Financing Admin	NA	NA	NA	NA	30.0	19.4	NA	NA	NA	NA	NA
Health Resources Admin	3.7	2.3	16.7	27.9	7.4	5.0	NA	NA	NA	NA	NA
Health Services Admin	8.6	8.7	9.4	9.2	7.5	10.0	NA	NA	NA	NA	NA
Nat'l Institute of Education	4.7	4.7	2.2	5.7	15.2	16.3	NA	NA	NA	NA	NA
Nat'l Institutes of Health	539.1	714.3	775.7	847.4	935.9	1,051.5	NA	NA	NA	NA	NA
Office of the Assistant Secretary for Education	.0	.0	.6	1.0	1.0	1.3	NA	NA	NA	NA	NA
Office of the Assistant Secretary for Health	.0	.0	.0	.0	24.6	27.5	NA	NA	NA	NA	NA
Office of Education	6.6	6.3	5.3	21.4	11.9	13.3	NA	NA	NA	NA	NA
Off of Human Development Svcs	10.1	17.2	7.1	34.6	46.5	42.9	NA	NA	NA	NA	NA
Office of the Secretary	.0	25.6	22.2	18.8	16.0	25.1	NA	NA	NA	NA	NA
Social & Rehabilitation Svc	48.3	8.9	9.6	18.6	NA	NA	NA	NA	NA	NA	NA
Social Security Admin	17.7	17.8	20.8	9.1	11.2	12.9	NA	NA	NA	NA	NA
Department of Health & Human Services, total	NA	NA	NA	NA	NA	NA	1,439.7	1,570.1	1,591.9	1,460.9	1,545.4
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA	NA	118.9	128.6	121.4	128.7	155.4
Centers for Disease Control	NA	NA	NA	NA	NA	NA	76.3	87.3	74.8	75.0	78.2
Food & Drug Administration	NA	NA	NA	NA	NA	NA	61.0	75.4	71.4	73.0	74.2
Health Care Financing Admin	NA	NA	NA	NA	NA	NA	31.8	45.7	38.6	29.1	30.2
Health Resources Admin	NA	NA	NA	NA	NA	NA	4.9	5.1	5.0	NA	NA
Health Resources & Services Administration	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.1	10.2
Health Svcs Administration	NA	NA	NA	NA	NA	NA	8.2	6.0	6.4	NA	NA
Human Development Services 10/	NA	NA	NA	NA	NA	NA	14.9	19.1	39.5	8.3	6.9
Nat'l Institutes of Health 11/	NA	NA	NA	NA	NA	NA	1,066.4	1,145.1	1,181.5	1,103.8	1,165.2
Office of the Assistant Secretary for Health 12/	NA	NA	NA	NA	NA	NA	16.3	14.1	16.3	8.2	.0
Office of the Secretary	NA	NA	NA	NA	NA	NA	22.6	22.0	18.9	13.1	14.4
Social Security Admin	NA	NA	NA	NA	NA	NA	18.3	21.4	18.0	15.5	10.8
Dept of Housing & Urban Dvlpmt	18.4	33.8	33.5	36.9	32.7	30.5	23.8	19.6	16.7	10.3	11.3
Dept of the Interior, total	111.4	94.8	179.1	205.1	192.4	217.6	266.9	282.8	289.2	275.0	254.7
Bonneville Power Admin 8/	.3	.4	.5	.5	.0	.0	.0	.0	6.1	NA	NA
Bureau of Land Management	.7	.6	.7	.7	.8	1.0	1.1	1.3	1.5	2.4	2.0
Bureau of Mines	34.6	24.9	51.0	72.5	48.3	48.4	65.4	71.3	54.4	65.2	55.9
Bureau of Reclamation	9.3	6.8	7.3	7.9	9.2	10.4	11.3	12.7	13.3	8.9	8.7
Geological Survey 13/	35.1	39.0	68.0	70.8	77.2	87.4	96.1	98.5	115.8	99.4	89.9
Heritage Conservation & Recreation Service	-	-	-	-	-	NA	NA	NA	NA	NA	NA
Minerals Management Service	NA	NA	NA	NA	NA	NA	NA	NA	NA	.0	1.5
National Park Service	.7	1.5	7.7	8.7	7.5	7.7	8.9	8.2	10.4	11.2	13.7
Office of Coal Research	5.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	3.4	.4	1.3	.1	1.4	.0	.0	.0	.0	.0	.0
Office of Surface Mining Reclamation & Enforcement	NA	NA	NA	NA	.0	2.2	5.0	7.5	5.8	1.5	1.5
Off of Water Rsch & Tech 13/	10.2	11.2	11.6	10.4	9.4	10.8	13.2	11.8	8.2	6.8	.8
Off of Water Resources Rsch	10.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
US Fish & Wildlife Service	11.5	9.9	31.0	33.7	38.6	49.7	65.9	71.4	73.9	79.6	80.6

See explanatory information, if any, and SOURCE at end of table.

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Table C-152. Federal obligations for applied research, by selected agency: fiscal years 1973-83

[Dollars in millions]

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Selected agency	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Department of Justice, total	4.9	16.5	9.4	13.8	12.5	31.0	20.9	19.2	14.9	13.2	17.1
Bureau of Prisons 14/	.0	.0	.0	.0	.1	.7	.5	.9	1.7	.9	1.3
Drug Enforcement Admin	1.6	1.7	.9	.5	.9	.5	.7	.8	.4	1.3	.9
Immigration & Naturalization Service	.0	.0	-	.1	.1	.2	.1	.2	.1	.3	.3
Office of Justice Programs	3.4	14.8	8.5	13.2	11.3	28.6	18.0	16.1	12.0	10.3	14.4
Office of Legal Policy	.0	.0	.0	.0	.0	1.1	1.6	1.3	.7	.4	.2
Department of Labor, total	12.0	16.0	14.4	17.0	18.0	22.0	39.8	32.6	54.5	10.6	12.7
Bureau of Labor Statistics	.8	.6	.7	.8	.9	.8	.9	.9	.3	.3	.7
Employment Standards Admin	1.3	.9	3.2	4.3	4.4	3.7	5.3	4.9	3.2	1.4	1.4
Employment & Training Admin	8.3	11.1	6.6	6.9	5.8	11.4	24.2	16.2	45.1	2.1	2.6
Labor-Management Services Administration 15/	.0	.6	.5	.4	3.2	2.6	2.7	2.8	1.8	.7	.9
Occupational Safety & Health Administration	.4	.5	1.4	2.9	3.4	1.3	5.1	6.3	3.0	4.9	5.3
Office of the Secretary	1.2	2.3	2.0	1.8	.2	2.2	1.6	1.4	1.1	.9	1.5
Pension Benefit Guaranty Corporation	NA	NA	NA	NA	NA	NA	NA	NA	.1	.3	.3
Department of State, total	24.6	17.8	21.0	25.1	38.3	49.1	2.6	2.0	1.6	1.5	1.5
Agcy for Internat'l Dvlpmt 16/	23.9	16.8	20.2	24.0	36.2	46.6	NA	NA	NA	NA	NA
Departmental funds	.8	1.1	.7	1.1	2.1	2.5	2.6	2.0	1.6	.0	.0
Dept of Transportation, total	77.1	61.5	53.8	31.1	51.8	66.5	67.0	82.4	87.4	65.7	71.7
Coast Guard	5.1	6.6	4.2	2.6	2.5	2.3	10.9	8.1	14.7	1.7	.8
Federal Aviation Admin	17.8	13.9	14.1	3.6	4.7	6.8	7.5	8.2	8.2	7.0	12.5
Federal Highway Admin	1.8	3.3	3.4	1.9	5.3	4.9	4.4	4.6	5.1	5.3	7.3
Federal Railroad Admin	15.4	1.6	2.7	8.6	6.6	9.2	7.5	7.9	6.2	3.1	2.8
Federal Transit Admin 17/	6.3	6.2	2.9	.6	1.0	1.1	1.1	8.9	9.3	19.4	18.3
Maritime Administration 7/	NA	NA	NA	NA	NA	NA	NA	NA	8.9	5.6	5.7
National Highway Traffic Safety Administration	21.7	14.9	12.0	9.9	27.5	38.0	30.0	38.6	29.4	21.3	21.4
Office of the Secretary	8.9	15.1	14.4	3.9	4.2	4.1	.6	.6	.7	.3	.3
Rsch & Special Programs Admin	NA	NA	NA	NA	.0	.1	5.0	5.5	4.9	2.1	2.6
Dept of the Treasury, total	.4	.5	.4	1.5	2.1	4.1	4.5	4.0	2.9	5.9	6.7
Bureau of Alcohol, Tobacco, & Firearms	.0	.0	.0	.0	.4	.4	.7	.3	.1	NA	NA
Bureau of Engraving & Printing	.4	.5	.4	1.5	1.7	1.9	.6	1.3	.9	2.8	1.4
Internal Revenue Service 18/	.0	.0	.0	.0	.0	1.8	3.3	2.2	1.8	3.1	5.0
United States Customs Svc	.0	.0	.0	.0	.0	.0	.0	.1	.1	-	.0
United States Secret Svc 19/	NA	NA	NA	NA	NA	NA	NA	.0	.0	.0	.3
Department of Veterans Affairs	66.5	75.2	83.3	76.2	83.2	90.5	101.8	103.6	112.7	110.1	132.0
Other agencies:											
Action	.0	-	.1	-	-	.2	.0	.0	.0	.0	.0
Advisory Commission on Intergovernmental Relations	.9	1.1	1.2	1.0	1.5	1.7	1.7	2.2	2.2	2.0	2.1
Agcy for Internat'l Dvlpmt 16/	NA	NA	NA	NA	NA	NA	66.9	79.7	86.4	127.9	152.6
Appalachian Regional Commission	NA	NA	NA	.7	.6	.3	.7	.6	.3	.3	.2
Atomic Energy Commission	149.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Civil Service Commission	.3	1.1	1.0	.8	.7	NA	NA	NA	NA	NA	NA
Community Services Admin	NA	.5	.2	.0	1.0	2.0	1.8	1.3	1.9	NA	NA
Consumer Product Safety Comm	.3	2.6	3.0	3.5	3.7	.9	1.8	1.6	.2	.1	.3
Energy Rsch & Dvlpmt Admin 9/	NA	195.2	280.7	400.7	NA	NA	NA	NA	NA	NA	NA
Environmental Protection Agency	65.3	86.8	124.3	141.7	197.0	246.7	248.9	231.5	207.8	210.7	152.4
Federal Communications Comm	1.1	.9	1.1	1.5	2.0	2.4	2.9	3.4	1.8	1.2	1.3

See explanatory information, if any, and SOURCE at end of table.

Table C-152. Federal obligations for applied research, by selected agency: fiscal years 1973-83

[Dollars in millions]

Page 4 of 4

Selected agency	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Federal Emergency Management Agency	NA	NA	NA	NA	NA	1.9	6.7	6.7	6.4	7.8	3.3
Federal Energy Administration	NA	.0	0.2	1.0	NA	NA	NA	NA	NA	NA	NA
Federal Home Loan Bank Board 20/	0.5	0.7	.7	.8	1.7	1.0	.9	1.2	1.0	2.7	3.0
Federal Trade Commission	.7	.9	.9	.6	.8	.9	1.1	1.5	.2	.2	.2
General Services Admin 21/	.3	.9	.6	.3	.3	.4	.1	.1	.4	.5	.2
Interstate Commerce Commission	.0	.0	.0	.1	.1	.3	.2	.1	.0	.0	.0
Library of Congress	1.4	.4	.4	.3	.3	.4	.5	.5	.7	.7	1.0
National Aeronautics & Space Administration	443.6	539.8	625.8	929.6	792.3	865.4	938.4	1,050.5	876.0	871.4	927.8
National Science Foundation	71.5	105.0	84.0	72.1	63.4	65.5	66.8	58.4	58.9	57.1	62.9
Nuclear Regulatory Commission	NA	42.3	64.2	88.4	112.3	133.9	148.8	182.7	219.7	220.3	207.3
Office of Economic Opportunity	31.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of Personnel Management	NA	NA	NA	NA	NA	1.0	1.4	2.6	3.4	.0	.0
Office of Telecomm Policy	.6	.3	2.1	1.5	NA	NA	NA	NA	NA	NA	NA
Office of Thrift Supervision 20/	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Small Business Administration	.0	.0	.2	.1	.5	.0	.0	.0	.0	.0	.0
Special Action Office for Drug Abuse Prevention	11.0	11.1	3.8	NA	NA	NA	NA	NA	NA	NA	NA
Tennessee Valley Authority	12.5	11.6	14.7	16.5	19.3	9.7	12.4	11.2	9.4	8.1	6.7
United States Arms Control & Disarmament Agency	1.7	1.1	1.0	1.4	1.8	2.5	2.7	3.0	1.6	1.3	.8
US Information Agency 22/	.1	.1	.1	.1	.1	.1	.1	.1	1.0	.0	-
US Internat'l Trade Commission	.0	.0	.0	1.5	2.6	3.1	3.4	2.1	3.4	3.8	4.7

1/ Includes programs of the Farmer Cooperative Service for fiscal years 1970-76

2/ Fiscal year 1979 was the first year in which Congress appropriated funds to the Agricultural Marketing Service. Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ Includes the former Agriculture Research Service of the Science and Education Administration for fiscal years 1978-80

4/ Includes former Cooperative State Research Service of the Science and Education Administration for fiscal years 1978-80

5/ Includes programs of the Economic Research Service, the Statistical Reporting Service, and the Farmer Cooperative Service for fiscal years 1977-79

6/ Includes programs of the Economic Research Service and the Statistical Reporting Service for fiscal year 1980

7/ In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

8/ In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

9/ In 1977 the Energy Research and Development Administration became part of the Department of Energy.

10/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

11/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

12/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

13/ As of 1985 the Office of Water Research and Technology has been combined with the Geological Survey.

14/ The Bureau of Prisons was formerly listed as Federal Prison System.

15/ In 1984 the Labor-Management Services Administration was replaced by Labor-Management Relations and Cooperative Programs.

16/ Agency for International Development (AID) became separate from the Department of State in 1979. AID includes programs of the International Development Cooperative Agency for fiscal years 1979-81.

17/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

18/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

19/ Formerly listed as Office of Protective Research

20/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

21/ As of 1985 the National Archives and Records Administration is separate from the General Services Administration.

22/ Data reported for the US Information Agency include funds for the former International Communication Agency for fiscal years 1977-81.

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)

- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-152a. Federal obligations for applied research, by selected agency: fiscal years 1984-94

[Dollars in millions]

Page 1 of 3

Selected agency	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Total, all agencies	7,911.4	8,314.7	8,349.1	8,998.1	9,176.5	10,163.5	10,336.8	11,797.6	12,000.7	13,554.5	13,777.7
Departments:											
Dept of Agriculture, total	442.2	465.6	463.5	473.4	504.6	517.3	542.1	617.9	665.8	666.9	668.8
Agricultural Coop Svc 1/	2.2	2.9	2.6	2.7	2.7	2.8	2.7	2.8	3.4	3.5	3.6
Agricultural Marketing Svc 2/	1.2	1.3	1.3	1.2	1.3	1.3	1.7	3.7	4.1	4.2	4.3
Agricultural Research Svc 3/	183.7	191.8	188.3	201.1	208.2	209.4	218.2	241.1	257.1	256.7	261.1
Animal & Plant Health Inspection Service	.0	.0	4.2	4.9	5.6	7.4	.0	.0	.0	.0	.0
Cooperative State Rsch Svc 4/	136.2	142.8	137.4	138.0	152.6	164.7	170.5	206.4	228.6	228.9	211.6
Economic Research Svc	39.3	41.7	40.1	38.5	41.4	42.6	43.5	46.8	50.6	50.7	44.3
Federal Grain Inspection Svc	.0	.8	.6	.7	.6	.8	.2	.7	1.5	1.2	1.0
Forest Service	63.9	65.7	67.5	73.5	79.9	77.5	93.5	103.6	106.9	110.3	127.1
Human Nutrition Info Svc	6.0	6.7	12.8	6.8	8.2	8.4	9.0	9.9	10.7	8.5	13.1
Nat'l Agricultural Stat Svc	5.5	5.6	5.4	2.3	2.4	1.9	1.9	2.2	2.4	2.4	2.5
Office of International Cooperation & Development	3.9	5.8	2.9	3.3	1.2	.6	.9	.7	.4	.4	.4
Office of Transportation 2/	.3	.5	.4	.4	.4	NA	NA	NA	NA	NA	NA
Department of Commerce, total	276.1	301.0	312.9	312.8	311.5	321.9	345.6	415.4	561.4	595.8	702.8
Bureau of the Census	2.0	2.1	2.1	2.1	2.4	1.8	2.1	2.3	2.4	2.7	2.8
Economic Development Admin	5.1	2.0	2.3	5.0	4.2	1.0	1.2	1.4	.5	.0	.5
National Institute of Standards & Technology	63.5	64.5	63.5	64.3	72.6	77.6	83.2	92.5	115.8	163.3	225.4
National Oceanic & Atmospheric Administration	197.7	224.4	237.5	234.4	225.0	234.6	252.4	315.6	438.7	425.7	468.9
National Telecommunications & Information Administration	7.7	7.9	7.6	7.0	7.3	6.9	6.8	3.6	4.0	4.1	5.2
Office of the Secretary	-	.1	.0	-	.0	.0	.0	.0	.0	.0	.0
Department of Defense, total	2,200.7	2,306.9	2,303.3	2,440.0	2,362.2	2,708.2	2,581.6	2,723.8	2,974.5	3,637.4	3,179.2
Department of the Army	486.7	582.6	578.8	692.9	588.0	636.3	595.2	671.9	727.8	856.5	631.4
Department of the Navy	449.6	448.2	447.1	432.5	406.0	429.2	442.6	486.0	499.0	632.0	536.0
Department of the Air Force	547.7	538.4	542.5	563.2	576.7	604.6	579.3	621.2	584.7	740.0	766.4
Defense agencies	716.6	737.7	735.0	751.3	791.5	1,038.1	964.6	944.7	1,162.9	1,408.8	1,245.4
Department of Education	68.7	77.3	91.3	103.8	106.6	117.5	125.3	123.1	119.5	122.4	131.5
Department of Energy 5/ 6/	1,194.5	1,198.4	1,080.7	1,029.4	1,050.6	1,020.8	1,065.7	1,587.2	1,676.1	1,826.8	1,731.4
Department of Health & Human Services, total	1,651.5	1,795.8	1,850.8	2,194.0	2,415.6	2,700.4	2,818.1	3,112.4	2,886.8	3,257.0	3,417.9
Administration on Aging 7/	NA	NA	NA	NA	NA	NA	NA	2.9	2.5	2.5	2.5
Administration for Children & Families 7/ 8/	NA	NA	NA	NA	NA	NA	.0	13.5	34.3	17.8	17.4
Agency for Health Care Policy & Research 9/	NA	NA	NA	NA	NA	NA	44.2	93.0	97.8	105.7	135.6
Alcohol, Drug Abuse, & Mental Health Administration	165.2	179.7	191.5	241.1	286.6	384.7	415.0	463.9	.0	.0	.0
Centers for Disease Control	46.3	47.6	52.2	66.2	88.7	117.8	95.6	113.4	146.9	149.5	183.1
Food & Drug Administration	77.8	82.1	79.4	85.0	91.0	99.0	99.0	125.0	135.7	139.1	151.2
Health Care Financing Admin	33.1	33.5	29.0	27.3	28.2	49.1	49.1	69.1	75.5	68.7	68.6
Health Resources & Services Administration	15.4	17.3	11.2	8.0	9.0	9.3	10.7	9.5	8.8	9.3	9.6
Human Development Services 7/	4.5	5.8	6.8	9.4	7.1	8.5	7.7	NA	NA	NA	NA
Nat'l Institutes of Health 10/	1,285.6	1,410.1	1,469.0	1,739.1	1,885.6	2,008.5	2,074.1	2,193.5	2,341.3	2,716.4	2,800.9
Office of the Assistant Secretary for Health 9/	.0	.0	.0	.0	.0	.0	5.8	9.6	6.0	.0	6.0
Office of the Secretary	10.0	9.4	6.1	8.2	4.7	7.8	5.0	8.8	5.0	8.0	15.9
Social Security Admin	13.5	10.4	5.6	9.8	14.7	15.8	11.8	10.2	33.0	40.1	27.1
Dept of Housing & Urban Dvlpmt	6.3	6.5	5.3	5.5	6.3	6.1	6.6	9.4	8.8	9.4	12.8

See explanatory information, if any, and SOURCE at end of table.

Table C-152a. Federal obligations for applied research, by selected agency: fiscal years 1984-94

[Dollars in millions]

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Selected agency	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Dept of the Interior, total	254.3	231.0	234.9	247.3	266.0	253.0	269.8	324.1	339.7	343.8	331.6
Bureau of Land Management	1.8	2.8	2.1	2.1	2.2	2.0	2.1	4.8	5.3	7.4	5.8
Bureau of Mines	56.7	36.7	36.6	39.6	54.1	49.3	49.3	56.2	59.2	63.3	55.5
Bureau of Reclamation	8.8	10.9	9.6	10.1	3.6	3.5	5.2	7.7	10.7	7.3	6.6
Geological Survey 11/	125.1	130.0	127.8	131.7	135.8	126.8	134.2	159.3	164.3	165.2	173.7
Minerals Management Service	1.5	1.4	1.1	1.0	1.2	2.2	1.9	2.7	3.8	5.0	5.0
National Park Service	14.0	15.0	17.3	18.5	19.4	19.4	20.1	27.5	31.1	32.0	7.7
Office of the Secretary	.0	.0	.0	.0	.1	.0	.0	.1	.2	.2	.2
Office of Surface Mining Reclamation & Enforcement	.8	2.0	2.3	1.0	1.0	.7	.7	1.0	.3	.4	.0
Off of Water Rsch & Tech 11/	3.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
US Fish & Wildlife Service	42.3	32.2	38.1	43.3	48.7	49.1	56.4	64.8	64.8	63.0	77.0
Department of Justice, total	13.2	15.1	17.0	11.8	9.8	10.7	11.1	14.7	15.0	14.8	14.0
Bureau of Prisons 12/	1.2	1.1	2.7	2.2	2.1	2.1	1.8	1.9	2.5	2.5	2.5
Drug Enforcement Admin	.7	.5	.8	.7	.6	.5	.4	.9	.1	.0	.0
Immigration & Naturalization Service	.3	.2	.2	.2	.3	.1	.4	.4	.4	.4	.4
Office of Justice Programs	11.0	13.0	13.2	8.6	6.8	8.0	8.5	11.5	12.0	11.9	11.1
Office of Legal Policy	.0	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0
Department of Labor, total	11.2	9.1	8.7	19.0	26.4	21.8	21.3	24.0	23.6	19.9	20.5
Bureau of Labor Statistics	.5	.6	.6	6.5	7.0	7.0	7.3	7.5	7.6	6.9	7.0
Employment Standards Admin	.9	-	.0	1.0	.1	.1	.1	.0	.0	.0	.0
Employment & Training Admin	1.0	.3	2.6	4.0	6.5	5.7	5.7	6.3	5.4	3.2	3.2
Labor-Management Relations & Cooperative Programs 13/	.3	.3	.2	.3	.4	.3	.0	.0	NA	NA	NA
Occupational Safety & Health Administration	5.1	4.5	3.6	4.1	4.2	4.5	2.5	2.6	3.1	3.7	3.8
Office of the Secretary	1.9	1.7	1.3	1.8	5.2	2.5	3.3	4.7	4.1	2.8	3.3
Pension Benefit Guaranty Corporation	.3	.2	.1	.3	.3	.3	.3	.4	.8	.6	.6
Pension & Welfare Benefit Administration	1.2	1.6	.3	1.0	2.7	1.4	2.1	2.5	2.6	2.6	2.6
Department of State, total	1.6	1.5	1.5	.3	1.0	1.3	1.2	1.3	.7	.5	.5
Departmental funds	.0	.0	.0	.0	.0	.0	.0	.0	.7	.5	.5
Dept of Transportation, total	74.2	70.2	67.6	68.6	91.2	120.5	119.2	114.6	155.7	330.4	278.9
Coast Guard	7.2	5.4	3.5	3.7	5.4	4.6	5.1	6.4	5.0	8.9	6.1
Federal Aviation Admin	15.0	17.3	14.0	11.1	13.3	23.6	26.1	24.0	30.1	68.7	75.1
Federal Highway Admin	6.1	6.3	14.7	20.7	43.7	56.6	57.6	46.1	72.0	186.1	147.4
Federal Railroad Admin	12.3	11.4	12.5	10.4	8.2	7.5	8.5	13.2	18.9	25.9	14.0
Federal Transit Admin 14/	1.0	.5	.0	.0	.0	.0	.0	.0	.0	6.0	6.0
Maritime Administration 15/	5.1	7.0	6.2	3.1	.5	.0	.9	1.7	1.8	1.7	1.7
National Highway Traffic Safety Administration	24.7	20.9	16.1	18.9	19.1	26.2	16.9	21.4	25.8	31.6	27.0
Office of the Secretary	.9	.9	.4	.4	.7	1.3	1.7	.6	.7	.6	.8
Rsch & Special Programs Admin	1.8	.5	.3	.2	.4	.7	2.4	1.4	1.4	.9	.8
Dept of the Treasury, total	6.6	13.6	12.7	12.7	11.1	13.0	15.3	20.6	17.2	5.1	7.1
Bureau of Engraving & Printing	1.4	3.1	2.7	2.7	1.1	.9	1.4	2.7	1.8	3.7	5.0
Internal Revenue Service 16/	4.9	10.2	9.5	9.7	9.0	11.3	13.1	13.9	13.9	.0	.0
Off of Thrift Supervision 17/	NA	NA	NA	NA	NA	NA	.0	3.0	.8	.8	.9
United States Customs Svc	.1	.1	.2	.2	.7	.4	.4	.5	.2	.1	.7
United States Secret Svc 18/	.1	.2	.2	.1	.3	.4	.5	.4	.5	.6	.6
Department of Veterans Affairs	156.1	193.7	155.1	173.1	178.8	197.1	199.4	177.7	185.2	190.2	161.8
Other agencies:											
Advisory Commission on Intergovernmental Relations	2.1	2.4	2.1	1.9	1.8	1.1	1.5	1.7	1.7	2.5	1.9
Agcy for Internat'l Dvlpmt 19/	164.0	158.1	180.7	151.2	132.1	216.0	300.2	351.7	294.2	283.2	277.2
Appalachian Regional Commission	.4	.2	.2	.1	.2	.8	.4	.7	1.9	.9	.9
Consumer Product Safety Comm	1.1	1.4	1.1	.6	.1	.5	.4	.9	.8	.9	.1
Environmental Protection Agency	142.3	176.0	179.3	246.1	240.7	222.6	241.6	261.9	293.9	327.4	396.9

See explanatory information, if any, and SOURCE at end of table.

Table C-152a. Federal obligations for applied research, by selected agency: fiscal years 1984-94

[Dollars in millions]

Selected agency	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Federal Communications Comm	0.9	1.2	0.9	1.0	1.2	1.1	1.3	1.4	1.6	1.8	1.7
Federal Emergency Management Agency	6.1	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0
Federal Home Loan Bank Board 17/	2.6	2.8	3.3	3.4	3.4	NA	NA	NA	NA	NA	NA
Federal Trade Commission	.2	.3	.3	.5	.4	.4	.5	1.0	1.3	.8	.9
General Services Admin 20/	.4	.3	.9	1.6	2.3	.5	.7	.0	.0	.0	.0
Library of Congress	1.5	1.5	1.1	1.1	1.2	1.2	1.2	1.3	1.4	1.6	1.6
National Aeronautics & Space Administration	954.7	1,032.7	1,152.3	1,255.5	1,218.9	1,461.4	1,423.8	1,665.6	1,491.1	1,606.0	2,104.7
National Archives & Records Administration 20/	NA	.1	.0	.3	.3	.1	.1	.3	.1	.1	.1
National Science Foundation	70.5	83.8	78.1	99.3	99.6	107.8	103.3	109.0	126.9	151.2	169.5
Nuclear Regulatory Commission	190.7	150.0	123.8	122.5	108.5	114.8	108.8	108.8	119.0	119.7	122.1
Office of Thrift Supervision 17/	NA	NA	NA	NA	NA	4.1	4.1	NA	NA	NA	NA
Tennessee Valley Authority	9.2	8.9	10.5	13.8	15.3	11.7	17.0	16.9	22.2	23.3	25.3
United States Arms Control & Disarmament Agency	1.2	1.1	.9	.4	.8	1.2	.2	.4	2.1	1.0	1.0
US Information Agency 21/	1.4	.1	1.6	.0	.1	.0	.5	.1	.0	1.2	.7
US Internat'l Trade Commission	5.[illegible]	5.8	6.9	7.2	8.1	8.7	9.1	9.9	12.3	12.5	14.3

1/ Includes programs of the Farmer Cooperative Service for fiscal years 1970-76

2/ Fiscal year 1979 was the first year in which Congress appropriated funds to the Agricultural Marketing Service. Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ Includes the former Agriculture Research Service of the Science and Education Administration for fiscal years 1978-80

4/ Includes former Cooperative State Research Service of the Science and Education Administration for fiscal years 1978-80

5/ In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

6/ In 1977 the Energy Research and Development Administration became part of the Department of Energy.

7/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

8/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

9/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

10/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

11/ As of 1985 the Office of Water Research and Technology has been combined with the Geological Survey.

12/ The Bureau of Prisons was formerly listed as Federal Prison System.

13/ In 1984 the Labor-Management Services Administration was replaced by Labor-Management Relations and Cooperative Programs.

14/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

15/ In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

16/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

17/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

18/ Formerly listed as Office of Protective Research

19/ Agency for International Development (AID) became separate from the Department of State in 1979. AID includes programs of the International Development Cooperative Agency for fiscal years 1979-81.

20/ As of 1985 the National Archives and Records Administration is separate from the General Services Administration.

21/ Data reported for the US Information Agency include funds for the former International Communication Agency for fiscal years 1977-81.

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-153. Federal obligations for development, by selected agency: fiscal years 1973-83

[Dollars in millions]

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Selected agency	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total, all agencies	11,218.7	11,234.9	12,309.1	13,160.3	14,936.3	16,238.4	17,610.1	18,233.1	20,891.1	23,410.4	24,458.0
Departments:											
Dept of Agriculture, total	12.4	13.6	18.1	20.2	22.9	26.8	31.1	30.2	33.0	30.8	30.0
Agricultural Marketing Svc 1/	NA	NA	NA	NA	NA	NA	.5	.3	.2	.2	.3
Agricultural Research Svc 2/	9.8	10.2	13.0	14.5	18.0	21.8	24.9	23.3	26.2	25.8	25.5
Economics, Stat & Coop Svc 3/	NA	NA	NA	NA	.8	.0	.0	NA	NA	NA	NA
Forest Service	2.3	3.2	4.9	5.4	4.2	5.0	5.0	5.5	6.2	4.5	3.8
Nat'l Agricultural Stat Svc	.3	.2	.2	.3	NA	NA	NA	NA	.0	.0	.0
Office of International Cooperation & Development	NA	NA	NA	NA	NA	NA	.0	.4	.3	.2	.4
Office of Transportation 1/	NA	NA	NA	NA	NA	NA	.7	.8	.1	.1	.1
Department of Commerce, total	60.4	51.4	71.0	73.1	68.6	90.9	89.9	88.1	78.6	60.2	50.2
Bureau of the Census	.5	.4	.4	.4	.6	1.1	1.2	1.2	.9	1.9	2.1
Economic Development Admin	5.4	3.2	9.2	13.0	12.5	32.6	34.6	29.8	26.3	8.0	.0
Maritime Administration 4/	17.8	17.3	17.1	14.0	11.1	12.6	7.4	7.3	NA	NA	NA
Minority Business Dvlpmt Agcy	2.1	.8	3.7	1.6	2.7	.0	.0	.0	.0	.0	.0
National Fire Prevention & Control Administration	.0	.0	2.9	3.2	2.1	NA	NA	NA	NA	NA	NA
National Institute of Standards & Technology	5.8	7.6	8.4	9.9	8.3	9.8	16.0	17.3	16.3	14.9	13.6
National Oceanic & Atmospheric Administration	26.5	22.0	28.3	30.2	29.9	33.5	28.5	30.9	32.9	33.5	33.1
National Telecommunications & Information Administration	NA	NA	NA	NA	.9	.7	1.7	1.1	1.1	1.2	1.4
Office of Telecommunications	1.2	.0	.7	.5	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	.0	.0	.0	.0	.0	.0	.0	-	.0	.0	-
Patent & Trademark Office	.6	.2	.3	.2	.5	.5	.5	.5	1.1	.7	.0
US Travel & Tourism Admin	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Department of Defense, total	6,968.1	6,986.0	7,581.5	8,127.2	9,247.5	9,729.6	10,492.1	11,719.2	13,907.7	17,669.8	19,770.1
Department of the Army	1,636.5	1,643.4	1,560.4	1,651.3	2,043.9	2,139.1	2,320.1	2,500.7	2,707.7	3,121.3	3,304.5
Department of the Navy	2,268.4	2,317.2	2,693.7	2,890.1	3,320.0	3,472.1	3,767.7	4,095.0	4,308.0	5,066.4	5,241.2
Department of the Air Force	2,932.6	2,874.6	3,157.7	3,344.3	3,605.3	3,813.6	4,033.4	4,673.7	6,351.9	8,724.0	10,124.2
Defense agencies	105.6	126.6	145.9	217.5	248.0	276.2	341.7	411.9	499.1	717.1	1,038.7
Test & Evaluation, Deputy Under Secretary Defense	25.1	24.2	23.9	24.1	30.2	28.6	29.3	37.9	41.1	41.0	61.6
Department of Education	NA	NA	NA	NA	NA	NA	72.9	51.8	51.1	57.5	35.6
Department of Energy 5/ 6/	NA	NA	NA	NA	2,645.0	3,142.6	3,506.9	3,476.4	3,504.6	3,012.1	2,575.6
Department of Health, Education, & Welfare, total	393.4	443.4	472.6	432.8	409.0	466.5	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	.0	.0	.0	2.8	1.0	1.4	NA	NA	NA	NA	NA
Centers for Disease Control	.2	.0	.0	.0	.0	.0	NA	NA	NA	NA	NA
Health Resources Admin	41.6	46.1	26.6	7.2	.0	.5	NA	NA	NA	NA	NA
Health Services Admin	3.0	3.1	6.7	8.0	8.1	7.6	NA	NA	NA	NA	NA
Nat'l Institute of Education	90.7	66.2	65.8	52.9	37.8	54.9	NA	NA	NA	NA	NA
Nat'l Institutes of Health	182.1	247.1	275.7	292.6	311.2	348.3	NA	NA	NA	NA	NA
Office of the Assistant Secretary for Health	.0	.0	.0	.0	3.6	3.6	NA	NA	NA	NA	NA
Office of Education	51.6	45.1	40.6	36.8	19.2	19.6	NA	NA	NA	NA	NA
Off of Human Development Svcs	18.7	35.8	57.3	27.3	28.1	30.7	NA	NA	NA	NA	NA
Social & Rehabilitation Svc	5.3	.0	.0	.0	NA	NA	NA	NA	NA	NA	NA
Social Security Admin	.0	.0	.0	5.3	.0	.0	NA	NA	NA	NA	NA

See explanatory information, if any, and SOURCE at end of table.

Table C-153. Federal obligations for development, by selected agency: fiscal years 1973-83

[Dollars in millions]

Page 2 of 3

Selected agency	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Department of Health & Human Services, total	NA	NA	NA	NA	NA	NA	489.2	447.4	434.9	335.2	331.7
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA	NA	.7	.0	1.8	2.1	1.8
Health Resources & Services Administration	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.4	2.3
Health Svcs Administration	NA	NA	NA	NA	NA	NA	18.5	18.7	10.1	NA	NA
Human Development Services 7/	NA	NA	NA	NA	NA	NA	42.2	30.1	33.8	18.5	16.6
Nat'l Institutes of Health 8/	NA	NA	NA	NA	NA	NA	423.0	394.4	384.9	308.7	311.0
Office of the Assistant Secretary for Health 9/	NA	NA	NA	NA	NA	NA	4.7	4.2	4.3	2.2	.0
Office of the Secretary	NA	NA	NA	NA	NA	NA	.0	.0	.0	.3	.0
Dept of Housing & Urban Dvlpmt	39.5	31.0	28.5	30.6	19.4	39.2	44.1	36.4	31.4	18.5	20.8
Dept of the Interior, total	83.6	48.9	69.3	73.7	58.7	75.5	66.3	56.8	57.3	29.6	24.8
Bonneville Power Admin 5/	2.5	2.0	5.5	6.5	.0	.0	.0	.0	7.7	NA	NA
Bureau of Land Management	-	-	-	.1	.1	.2	.2	.3	.4	2.9	1.9
Bureau of Mines	36.1	35.6	54.7	58.0	49.6	57.0	41.9	30.6	28.7	13.6	9.2
Bureau of Reclamation	.3	.5	.5	.4	.6	.6	.8	1.2	.9	1.1	1.2
Geological Survey 10/	3.7	.0	.0	.0	.0	.0	.5	.5	.5	.5	2.3
National Park Service	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
Office of Coal Research	20.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	17.2	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0
Off of Water Rsch & Tech 10/	.0	7.4	4.0	5.1	2.8	12.0	9.4	10.9	5.3	1.3	1.0
US Fish & Wildlife Service	3.0	3.3	4.1	3.7	5.4	5.7	13.5	13.4	13.7	10.3	9.2
Department of Justice, total	26.2	16.1	25.4	15.5	10.1	15.2	14.1	12.7	7.0	10.4	10.7
Bureau of Prisons 11/	.5	.5	.6	.8	1.0	2.9	2.9	1.3	.9	.7	.4
Drug Enforcement Admin	.0	3.3	.6	2.0	2.1	1.4	1.7	1.9	.9	1.9	1.6
Fed Bureau of Investigation	.7	1.9	1.2	1.2	1.4	1.8	3.1	1.4	.7	2.7	2.5
Immigration & Naturalization Service	.0	.0	-	.0	.1	.2	.1	.2	.1	.4	.3
Office of Justice Programs	24.9	10.4	23.0	11.5	5.4	8.3	6.3	7.5	4.4	4.6	5.8
Office of Legal Policy	.0	.0	.0	.0	.0	.6	-	.5	.1	-	.1
Department of Labor, total	6.6	6.6	10.1	10.5	10.8	72.1	94.9	101.6	4.0	8.3	1.9
Bureau of Labor Statistics	.2	1.0	1.1	.5	.5	.5	.0	.0	.0	.0	.0
Employment & Training Admin	5.9	4.5	8.3	10.0	10.4	71.7	94.9	101.6	3.6	7.4	1.1
Occupational Safety & Health Administration	.5	.9	.7	.0	.0	.0	.0	.0	.0	.0	.0
Office of the Secretary	-	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
Pension Benefit Guaranty Corporation	NA	NA	NA	NA	NA	NA	NA	NA	.4	.8	.8
Department of State, total	1.6	4.7	5.4	14.2	23.1	36.1	.5	.3	.2	.0	.0
Agcy for Internat'l Dvlpmt 12/	.9	4.3	4.9	13.8	22.9	35.7	NA	NA	NA	NA	NA
Departmental funds	.7	.4	.5	.5	.2	.4	.5	.3	.2	.0	.0
Dept of Transportation, total	233.4	308.0	257.7	263.4	302.8	341.8	303.1	278.8	327.0	243.4	275.1
Coast Guard	22.4	14.8	11.6	9.8	16.4	21.4	10.2	9.9	11.3	18.3	18.4
Federal Aviation Admin	61.6	111.1	91.5	94.5	98.7	103.7	103.0	94.9	111.8	87.3	113.7
Federal Highway Admin	21.7	37.6	41.3	27.0	50.2	46.8	48.5	46.5	46.1	35.0	43.1
Federal Railroad Admin	20.2	31.9	29.7	41.8	35.3	44.7	36.7	38.3	30.4	15.1	13.7
Federal Transit Admin 13/	60.0	59.3	44.8	46.9	58.9	68.5	56.9	45.5	68.9	42.0	38.6
Maritime Administration 4/	NA	NA	NA	NA	NA	NA	NA	NA	4.7	4.5	8.8
National Highway Traffic Safety Administration	32.9	38.7	22.0	21.5	19.5	28.3	26.6	24.9	36.5	34.1	30.6
Office of the Secretary	14.6	14.6	16.9	21.9	23.8	27.6	11.1	10.2	9.4	3.0	4.6
Rsch & Special Programs Admin	NA	NA	NA	NA	.0	.8	10.0	8.5	7.9	4.0	3.6
Dept of the Treasury, total	.6	.7	1.3	2.3	2.7	5.8	4.8	6.3	6.1	5.2	5.4
Bureau of Alcohol, Tobacco, & Firearms	.0	.0	.0	.0	.7	1.6	1.9	1.2	.2	NA	NA
Bureau of Engraving & Printing	.6	.7	1.3	1.3	.8	1.8	1.5	1.0	1.8	2.0	1.9
Internal Revenue Service 14/	.0	.0	.0	.0	.0	.6	.1	.1	-	.1	.1
United States Customs Svc	.0	.0	.0	1.0	1.2	1.8	1.3	3.7	3.4	3.1	3.3
United States Secret Svc 15/	NA	NA	NA	NA	NA	NA	NA	.4	.6	.0	-
Department of Veterans Affairs	4.5	6.1	7.7	12.6	14.7	14.6	15.6	15.5	16.7	14.3	15.3

See explanatory information, if any, and SOURCE at end of table.

Table C-153. Federal obligations for development, by selected agency: fiscal years 1973-83

[Dollars in millions]

Selected agency	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Other agencies:											
Action	.0	.1	.0	.0	.4	1.4	1.6	.0	.0	.0	.0
Agcy for Internat'l Dvlpmt 12/	NA	NA	NA	NA	NA	NA	39.6	69.7	47.8	72.0	70.6
Appalachian Regional Commission	NA	NA	NA	.0	.1	.1	.2	.2	.1	.1	.0
Atomic Energy Commission	938.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Civil Service Commission	1.9	1.8	2.9	2.9	2.8	NA	NA	NA	NA	NA	NA
Community Services Admin	NA	21.3	22.9	10.2	23.0	22.3	18.9	29.1	16.4	NA	NA
Consumer Product Safety Comm	.1	1.6	3.0	2.1	3.0	2.9	2.1	1.9	.3	.1	.2
Energy Rsch & Dvlpmt Admin 6/	NA	1,024.2	1,453.9	1,717.3	NA	NA	NA	NA	NA	NA	NA
Environmental Protection Agency	106.3	72.9	115.9	103.7	90.2	132.0	151.1	99.9	107.4	91.7	66.1
Federal Emergency Management Agency	NA	NA	NA	NA	NA	2.2	2.9	2.5	2.5	.0	.0
Federal Energy Administration	NA	.0	1.1	1.9	NA	NA	NA	NA	NA	NA	NA
General Services Admin 16/	.2	.4	.9	.7	.5	.5	.3	.1	.2	.5	.3
Library of Congress	1.2	1.8	2.2	2.5	3.4	4.4	5.3	6.3	4.0	4.9	6.0
National Aeronautics & Space Administration	2,267.0	2,156.5	2,129.3	2,224.0	1,964.7	1,988.1	2,127.2	1,624.4	2,186.0	1,670.7	1,116.8
National Science Foundation	15.9	36.2	25.0	13.5	8.7	5.3	7.9	8.1	6.1	2.2	.0
Office of Economic Opportunity	55.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of Personnel Management	NA	NA	NA	NA	NA	3.5	4.6	4.2	5.0	.0	.0
Office of Telecomm Policy	.0	.0	1.7	2.7	NA	NA	NA	NA	NA	NA	NA
Tennessee Valley Authority	1.8	1.6	1.9	2.2	3.6	18.0	21.9	84.3	54.7	72.3	50.7
United States Arms Control & Disarmament Agency	.2	-	-	-	.4	1.2	.8	.8	.8	.6	.1
US Information Agency 17/	-	-	.0	-	-	-	-	-	.3	.1	.0

1/ Fiscal year 1979 was the first year in which Congress appropriated funds to the Agricultural Marketing Service. Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ Includes the former Agriculture Research Service of the Science and Education Administration for fiscal years 1978-80

3/ Includes programs of the Economic Research Service, the Statistical Reporting Service, and the Farmer Cooperative Service for fiscal years 1977-79

4/ In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

5/ In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

6/ In 1977 the Energy Research and Development Administration became part of the Department of Energy.

7/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

8/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

9/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

10/ As of 1985 the Office of Water Research and Technology has been combined with the Geological Survey.

11/ The Bureau of Prisons was formerly listed as Federal Prison System.

12/ Agency for International Development (AID) became separate from the Department of State in 1979. AID includes programs of the International Development Cooperative Agency for fiscal years 1979-81.

13/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

14/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

15/ Formerly listed as Office of Protective Research

16/ As of 1985 the National Archives and Records Administration is separate from the General Services Administration.

17/ Data reported for the US Information Agency include funds for the former International Communication Agency for fiscal years 1977-81.

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-153a. Federal obligations for development, by selected agency: fiscal years 1984-94

[Dollars in millions]

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Selected agency	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Total, all agencies	27,246.1	32,226.1	34,910.2	37,313.2	38,119.3	40,641.0	41,937.1	37,326.8	41,102.0	43,993.2	43,119.9
Departments:											
Dept of Agriculture, total	31.3	32.0	32.1	29.0	31.4	36.1	47.1	61.2	66.1	66.8	68.1
Agricultural Marketing Svc 1/	.3	.3	.3	.3	.3	.3	.4	.5	.6	.6	.6
Agricultural Research Svc 2/	27.0	27.7	27.4	24.0	26.3	31.4	33.3	40.2	43.9	43.8	44.3
Animal & Plant Health Inspection Service	.0	.0	.0	.0	.0	.0	8.0	15.7	16.7	16.8	16.7
Federal Grain Inspection Svc	.0	.2	.3	.5	.4	.3	.4	.1	.0	.0	.0
Forest Service	3.3	3.3	3.6	3.8	4.0	3.9	4.8	4.5	4.9	5.5	6.4
Office of International Cooperation & Development	.7	.4	.3	.3	.2	.1	.2	.2	.0	.0	.0
Office of Transportation 1/	.1	.2	.1	.1	.1	NA	NA	NA	NA	NA	NA
Department of Commerce, total	61.5	74.6	59.7	63.7	46.6	46.9	61.2	39.9	55.3	103.0	153.6
Bureau of the Census	2.1	2.4	2.1	1.9	1.9	2.0	2.0	1.9	2.0	2.1	2.1
Economic Development Admin	.0	11.0	8.0	.0	.0	.0	.0	.0	.0	.0	.0
National Institute of Standards & Technology	11.8	14.0	11.6	9.3	9.1	10.0	10.5	15.6	29.6	61.1	116.1
National Oceanic & Atmospheric Administration	46.6	45.4	37.2	51.7	34.8	34.1	47.7	22.4	23.7	39.8	35.4
National Telecommunications & Information Administration	.9	1.2	.8	.8	.8	.9	.9	.0	.0	.0	.0
Office of the Secretary	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
Department of Defense, total	22,324.3	26,623.2	29,710.7	31,884.0	32,009.7	33,920.8	33,738.9	28,416.9	32,056.1	34,111.1	33,107.0
Department of the Army	3,516.8	3,747.4	3,982.1	4,109.6	4,052.3	4,835.9	4,903.8	5,221.0	5,921.5	5,333.9	4,766.5
Department of the Navy	6,840.2	8,336.1	8,865.9	8,721.1	8,766.2	8,882.9	8,778.6	6,932.0	7,138.0	9,168.0	8,401.0
Department of the Air Force	11,351.5	12,524.3	12,834.8	14,562.9	14,094.2	14,430.0	14,055.1	10,107.1	12,636.6	12,910.5	12,981.9
Defense agencies	557.3	1,964.8	3,910.7	4,353.5	4,868.4	5,616.8	5,780.2	5,919.4	6,114.4	6,445.2	6,674.4
Operational Test & Evaluation, Director	NA	NA	.0	8.4	68.2	14.4	32.6	13.6	12.4	12.0	12.6
Test & Evaluation, Deputy Under Secretary Defense	58.6	50.6	117.1	128.5	160.3	140.7	188.7	223.7	233.2	241.6	270.6
Department of Education	34.8	33.0	25.5	25.6	29.7	37.2	39.7	39.4	41.5	47.4	43.0
Department of Energy 3/ 4/	2,648.7	2,825.0	2,648.0	2,659.4	2,801.0	2,760.9	3,060.1	2,709.5	2,759.7	2,983.9	3,068.7
Department of Health & Human Services, total	364.7	422.7	468.0	584.3	661.1	814.4	938.5	1,593.5	1,042.3	1,203.2	1,238.2
Administration on Aging 5/	NA	NA	NA	NA	NA	NA	NA	17.7	17.8	17.2	17.8
Administration for Children & Families 5/ 6/	NA	NA	NA	NA	NA	NA	.0	115.5	4.8	3.3	1.1
Agency for Health Care Policy & Research 7/	NA	NA	NA	NA	NA	NA	5.5	8.1	8.5	9.2	9.2
Alcohol, Drug Abuse, & Mental Health Administration	1.2	1.1	1.2	2.2	2.4	3.0	41.5	537.6	.0	.0	.0
Health Resources & Services Administration	2.3	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
Human Development Services 5/	13.8	18.5	47.8	43.6	46.8	93.2	87.7	NA	NA	NA	NA
Nat'l Institutes of Health 8/	347.0	399.6	417.5	536.2	610.2	716.5	800.7	912.5	1,010.5	1,172.5	1,209.0
Office of the Assistant Secretary for Health 7/	.0	1.7	1.5	2.3	1.6	1.7	1.1	.4	.7	1.0	1.0
Office of the Secretary	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
Social Security Admin	.0	.0	.0	.0	.0	.0	2.1	1.7	.0	.0	.0
Dept of Housing & Urban Dvlpmt	11.9	12.0	10.1	10.8	12.1	11.9	12.7	18.4	16.3	17.0	22.7

See explanatory information, if any, and SOURCE at end of table.

Table C-153a. Federal obligations for development, by selected agency: fiscal years 1984-94

[Dollars in millions]

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Selected agency	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Dept of the Interior, total	30.7	22.4	17.3	21.7	24.3	27.1	33.3	39.5	38.6	39.0	43.5
Bureau of Land Management	2.0	1.6	1.3	1.6	1.5	1.0	.7	2.8	.4	.9	.9
Bureau of Mines	11.6	3.3	2.8	3.6	5.2	5.4	9.4	7.1	4.2	7.3	6.3
Bureau of Reclamation	1.4	2.0	.5	.5	.7	.6	.5	.9	2.5	2.4	1.0
Geological Survey 9/	4.9	4.4	7.4	10.3	10.9	12.9	15.1	18.2	16.9	12.8	12.0
Office of the Secretary	.0	.0	.0	.0	.3	.4	.2	.5	.7	.7	.7
US Fish & Wildlife Service	10.8	11.1	5.3	5.7	5.7	6.7	7.4	10.0	13.9	14.9	22.7
Department of Justice, total	6.6	16.7	14.1	22.5	25.7	20.6	20.6	27.8	27.7	27.5	28.4
Bureau of Prisons 10/	.4	.4	.3	4.9	3.9	3.0	2.7	3.3	3.4	3.6	3.5
Drug Enforcement Admin	1.2	1.1	1.7	1.5	1.9	2.2	2.0	1.8	1.3	.8	1.8
Fed Bureau of Investigation	1.0	9.5	7.2	8.0	12.7	7.7	8.2	10.8	10.9	10.7	10.7
Immigration & Naturalization Service	.3	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0
Office of Justice Programs	3.8	5.5	4.7	7.9	7.1	7.8	7.7	11.9	12.1	12.4	12.4
Department of Labor, total	.0	.9	.9	1.2	8.9	13.3	51.4	19.7	27.9	45.2	44.9
Employment & Training Admin	.0	.0	.0	.3	8.0	9.7	47.4	15.5	26.1	42.4	42.4
Office of the Secretary	.0	.9	.9	.9	.9	3.6	3.8	4.0	1.7	2.7	2.2
Pension Benefit Guaranty Corporation	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.3
Dept of Transportation, total	370.6	357.6	317.3	256.2	213.4	182.9	247.4	265.3	288.1	413.5	406.5
Coast Guard	12.2	13.6	13.4	13.3	15.7	13.3	15.2	19.2	15.0	26.6	18.4
Federal Aviation Admin	251.2	269.0	246.6	156.2	147.3	123.2	189.9	196.2	206.1	201.5	197.0
Federal Highway Admin	40.3	42.6	30.8	56.0	30.4	34.4	33.8	40.8	57.0	145.1	114.0
Federal Railroad Admin	6.9	3.6	2.9	.8	1.8	1.5	1.7	2.7	3.9	10.3	47.1
Federal Transit Admin 11/	19.1	9.7	8.2	12.6	2.3	1.4	1.6	1.7	1.7	24.0	24.0
Maritime Administration 12/	1.3	5.9	2.6	2.5	.0	.0	.0	.0	.0	.0	.0
National Highway Traffic Safety Administration	32.2	7.2	6.3	9.0	9.2	3.5	.0	.0	.0	.0	.0
Office of the Secretary	4.0	3.9	4.7	4.1	5.0	4.2	5.1	3.7	3.4	4.6	3.8
Rsch & Special Programs Admin	3.5	2.2	1.7	1.8	1.7	1.3	.0	1.0	1.1	1.5	2.3
Dept of the Treasury, total	3.3	6.0	6.3	9.5	10.2	9.3	6.9	6.7	3.8	5.6	6.3
Bureau of Engraving & Printing	1.3	1.6	1.1	1.7	.8	.3	.7	.8	.2	.0	.0
Financial Crimes Enforcement Network	.0	.0	.0	.0	.0	.0	.0	2.3	1.2	1.5	1.9
Internal Revenue Service 13/	.2	1.3	.2	.4	.7	.3	.3	.4	.4	.0	.0
United States Customs Svc	1.7	2.1	4.6	6.8	8.5	6.4	5.8	3.2	2.0	3.1	4.3
United States Mint	.0	.6	.3	.2	.1	2.0	.1	.1	.0	1.1	.2
United States Secret Svc 14/	.1	.5	-	.3	.0	.2	.0	.0	.0	.0	.0
Department of Veterans Affairs	18.4	17.5	16.3	19.2	19.2	21.0	22.1	22.5	23.0	38.3	32.3

See explanatory information, if any, and SOURCE at end of table.

Table C-153a. Federal obligations for development, by selected agency: fiscal years 1984-94

[Dollars in millions]

Page 3 of 3

Selected agency	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates 1993	Estimates 1994
Other agencies:											
Agcy for Internat'l Dvlpmt 15/	70.3	60.5	66.2	63.5	69.3	60.0	29.3	20.4	65.9	91.2	138.8
Appalachian Regional Commission	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Consumer Product Safety Comm	.2	1.0	.9	1.6	.9	.8	.7	.4	.3	.4	.2
Environmental Protection Agency	89.2	105.8	99.5	71.0	79.5	107.0	104.5	79.5	79.6	78.9	79.0
Federal Emergency Management Agency	5.4	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
General Services Admin 16/	2.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0
Library of Congress	5.4	5.0	5.0	5.0	5.5	6.4	7.0	7.3	8.5	8.1	8.1
National Aeronautics & Space Administration	1,112.7	1,543.6	1,350.8	1,517.8	1,998.8	2,514.7	3,472.6	3,909.1	4,428.3	4,631.9	4,540.9
National Archives & Records Administration 16/	NA	.3	1.0	.4	.2	.1	.1	.1	.1	-	-
Tennessee Valley Authority	53.8	65.1	59.8	60.2	68.8	48.0	43.2	49.5	72.9	81.1	89.7
United States Arms Control & Disarmament Agency	.2	.0	.1	3.2	2.6	1.8	.0	.0	.0	.0	.0
US Information Agency 17/	.0	.0	.4	3.5	.3	.1	.0	.0	.0	.0	.0

1/ Fiscal year 1979 was the first year in which Congress appropriated funds to the Agricultural Marketing Service. Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ Includes the former Agriculture Research Service of the Science and Education Administration for fiscal years 1978-80

3/ In fiscal year 1982 the Bonneville Power Administration became part of the Department of Energy.

4/ In 1977 the Energy Research and Development Administration became part of the Department of Energy.

5/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

6/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

7/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

8/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

9/ As of 1985 the Office of Water Research and Technology has been combined with the Geological Survey.

10/ The Bureau of Prisons was formerly listed as Federal Prison System.

11/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

12/ In 1981 the Maritime Administration moved from the Department of Commerce to the Department of Transportation.

13/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

14/ Formerly listed as Office of Protective Research

15/ Agency for International Development (AID) became separate from the Department of State in 1979. AID includes programs of the International Development Cooperative Agency for fiscal years 1979-81.

16/ As of 1985 the National Archives and Records Administration is separate from the General Services Administration.

17/ Data reported for the US Information Agency include funds for the former International Communication Agency for fiscal years 1977-81.

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: NA = Not applicable (indicates that the agency or agency subdivision did not exist as such or in that organization in that year)
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-154. Federal obligations for research and development, by performer: fiscal years 1973-83

[Dollars in millions]

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Performer	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	16,800.2	17,410.1	19,038.8	20,779.7	23,450.4	25,845.1	28,145.1	29,830.4	33,103.9	36,432.6	38,711.5
Intramural 1/	4,762.2	4,910.9	5,354.0	5,768.7	6,011.7	6,810.4	7,417.5	7,632.3	8,425.7	9,141.0	10,581.9
Industrial firms excl FFRDCs	7,731.3	7,752.3	8,423.2	9,340.3	10,717.2	11,400.0	12,172.4	12,969.1	14,867.9	17,192.2	17,019.7
FFRDCs admin by industrial firms	582.4	592.8	703.7	813.8	1,112.7	1,242.5	1,318.1	1,408.1	1,413.9	1,506.4	1,501.2
Univs & colleges excl FFRDCs	1,916.6	2,214.0	2,411.4	2,551.8	2,905.5	3,374.6	3,888.8	4,263.4	4,465.8	4,605.5	4,966.4
FFRDCs admin by univs	725.3	789.1	935.1	1,061.1	1,313.1	1,311.9	1,488.3	1,533.3	1,791.0	1,976.7	2,393.9
Nonprofit inst excl FFRDCs	578.2	672.2	702.3	706.6	800.0	998.2	1,026.5	1,105.6	1,068.8	1,091.7	1,241.6
FFRDCs admin by nonprofit inst	183.1	199.3	219.9	231.0	263.9	315.9	368.7	441.8	525.2	520.6	581.3
State and local governments	256.8	214.4	227.6	231.2	238.0	268.4	310.1	265.5	222.2	184.3	186.0
Foreign	64.4	65.1	61.6	73.1	88.2	123.2	154.7	211.2	323.4	214.3	239.5

1/ Intramural activities cover costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

NOTE: Because of rounding, detail may not add to totals.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-154a. Federal obligations for research and development, by performer: fiscal years 1984-94

[Dollars in millions]

Page 1 of 1

Performer	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Total	42,224.9	48,359.6	51,412.4	55,253.7	56,769.4	61,406.5	63,559.5	61,295.2	65,592.6	71,445.1	71,243.7
Intramural 1/	11,572.3	12,945.4	13,534.9	13,413.1	14,114.6	15,120.9	15,978.0	15,238.1	15,690.1	17,199.4	17,542.4
Industrial firms excl FFRDCs	18,610.4	21,704.9	24,201.2	26,768.2	26,719.2	28,547.9	29,370.0	26,420.6	29,744.8	33,394.5	32,936.9
FFRDCs admin by industrial firms	1,608.4	1,790.8	1,697.0	1,860.0	1,911.3	1,960.0	2,197.8	2,068.3	2,009.8	1,309.7	1,253.2
Univs & colleges excl FFRDCs	5,546.9	6,339.7	6,558.8	7,337.3	7,827.7	8,672.0	9,137.5	10,168.5	10,271.2	11,335.9	11,639.9
FFRDCs admin by univs 2/	2,485.8	2,816.4	2,767.7	3,209.6	3,473.9	3,497.1	3,449.8	3,603.8	3,855.5	3,494.7	3,269.3
Nonprofit inst excl FFRDCs	1,497.3	1,699.2	1,677.0	1,711.4	1,683.2	1,999.9	2,248.2	2,637.4	2,803.6	3,359.5	3,175.5
FFRDCs admin by nonprofit inst 2/	597.1	689.2	551.2	510.6	505.6	522.0	621.6	679.4	745.6	823.0	901.8
State and local governments	130.9	129.4	128.4	148.2	142.1	167.4	213.9	215.1	184.1	254.3	256.6
Foreign	175.8	244.5	296.3	295.3	391.8	919.4	342.6	263.9	287.9	274.0	268.1

1/ Intramural activities cover costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ In 1984 the Center for Naval Analyses was reclassified from an FFRDC administered by a university to an FFRDC administered by a nonprofit institution.

NOTE: Because of rounding, detail may not add to totals.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-155. Federal obligations for research, by performer: fiscal years 1973-83

[Dollars in millions]

Page 1 of 1

Performer	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	5,581.4	6,175.2	6,729.7	7,619.3	8,514.1	9,606.8	10,535.0	11,597.4	12,212.8	13,022.2	14,253.5
Intramural 1/	2,088.5	2,270.2	2,463.8	2,879.2	2,957.7	3,220.8	3,481.2	3,666.3	4,034.2	4,194.2	4,710.3
Industrial firms excl FFRDCs	887.3	874.6	1,010.2	1,103.0	1,367.3	1,651.4	1,762.0	2,077.6	1,958.3	2,156.6	2,114.2
FFRDCs admin by industrial firms	68.7	98.2	135.7	176.5	192.2	235.2	245.0	311.0	351.3	487.3	522.6
Univs & colleges excl FFRDCs	1,691.1	1,958.3	2,078.8	2,249.7	2,583.5	2,928.0	3,333.4	3,699.1	3,920.1	4,045.4	4,467.9
FFRDCs admin by univs	355.2	374.0	425.5	548.3	670.3	714.9	800.6	851.2	940.6	1,056.7	1,250.1
Nonprofit inst excl FFRDCs	316.2	414.2	394.7	435.4	512.2	590.9	622.6	678.4	705.2	743.5	836.9
FFRDCs admin by nonprofit inst	50.2	50.8	64.8	57.5	55.6	66.9	73.4	71.7	67.7	104.2	85.2
State and local governments	84.3	91.0	111.9	119.4	115.2	128.8	139.5	150.9	129.3	125.9	136.7
Foreign	40.0	44.0	44.3	50.4	60.3	69.9	77.4	91.1	106.0	108.3	129.6

1/ Intramural activities cover costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

NOTE: Because of rounding, detail may not add to totals.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-155a. Federal obligations for research, by performer: fiscal years 1984-94

[Dollars in millions]

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Performer	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Total	14,978.8	16,133.4	16,502.2	17,940.5	18,650.1	20,765.5	21,622.4	23,968.4	24,490.6	27,451.8	28,123.8
Intramural 1/	4,764.7	5,056.1	5,160.3	5,437.7	5,338.4	5,981.5	5,921.3	6,539.3	6,615.7	7,401.2	7,704.1
Industrial firms excl FFRDCs	2,137.4	2,074.4	2,280.5	2,448.6	2,642.5	2,875.0	3,191.6	3,406.5	3,451.2	4,233.4	4,343.7
FFRDCs admin by industrial firms	496.5	485.9	482.1	433.5	455.2	519.8	502.9	624.6	592.4	648.0	595.5
Univs & colleges excl FFRDCs	5,029.7	5,726.3	5,883.4	6,640.2	7,022.9	7,793.1	8,136.5	8,867.5	9,060.7	10,075.9	10,402.3
FFRDCs admin by univs 2/	1,335.9	1,421.3	1,291.7	1,471.0	1,564.8	1,703.4	1,791.5	2,160.9	2,351.8	2,372.4	2,239.4
Nonprofit inst excl FFRDCs	922.6	1,045.1	1,062.9	1,207.5	1,300.0	1,519.8	1,660.0	1,925.9	2,049.6	2,323.0	2,399.5
FFRDCs admin by nonprofit inst 2/	87.3	97.0	87.9	89.8	82.9	109.5	137.6	170.9	139.9	151.7	181.8
State and local governments	88.2	89.5	91.0	90.2	103.1	121.2	126.4	129.3	109.3	127.5	143.2
Foreign	116.5	137.9	162.4	121.9	140.4	142.1	154.5	143.4	120.0	118.7	114.3

1/ Intramural activities cover costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ In 1984 the Center for Naval Analyses was reclassified from an FFRDC administered by a university to an FFRDC administered by a nonprofit institution.

NOTE: Because of rounding, detail may not add to totals.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-156. Federal obligations for basic research, by performer: fiscal years 1973-83

[Dollars in millions]

Page 1 of 1

Performer	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	2,232.0	2,387.7	2,588.4	2,767.5	3,258.6	3,698.6	4,192.7	4,674.2	5,041.3	5,481.6	6,260.1
Intramural 1/	608.1	695.9	733.5	786.0	914.1	1,029.3	1,089.1	1,182.5	1,301.8	1,465.5	1,689.8
Industrial firms excl FFRDCs	176.1	124.0	118.5	131.1	208.1	247.7	277.1	325.3	292.9	270.9	292.9
FFRDCs admin by industrial firms	39.4	31.5	47.9	59.8	53.1	65.4	66.6	70.4	73.3	87.4	83.0
Univs & colleges excl FFRDCs	1,048.2	1,144.7	1,260.6	1,341.7	1,555.1	1,759.2	2,079.9	2,320.3	2,503.2	2,727.1	3,112.3
FFRDCs admin by univs	229.0	223.1	257.5	284.9	324.1	356.8	393.6	436.8	490.6	516.7	604.0
Nonprofit inst excl FFRDCs	98.5	127.1	128.2	126.5	162.5	192.8	240.3	279.5	313.1	355.6	409.6
FFRDCs admin by nonprofit inst	3.4	6.2	13.8	7.9	5.6	5.8	6.7	7.5	8.6	9.0	8.0
State and local governments	16.2	16.8	14.0	12.9	15.6	17.1	19.8	23.9	26.5	24.5	32.1
Foreign	13.1	18.3	14.3	16.6	20.4	24.6	19.5	28.1	31.2	24.9	28.5

1/ Intramural activities cover costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

NOTE: Because of rounding, detail may not add to totals.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-156a. Federal obligations for basic research, by performer: fiscal years 1984-94

[Dollars in millions]

Page 1 of 1

Performer	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Total	7,067.4	7,818.7	8,153.1	8,942.4	9,473.6	10,602.0	11,285.6	12,170.8	12,489.9	13,897.4	14,346.1
Intramural 1/	1,861.1	1,923.4	2,018.9	2,046.2	2,050.3	2,370.7	2,366.0	2,446.5	2,397.0	2,677.1	2,812.0
Industrial firms excl FFRDCs	377.9	380.1	511.6	467.0	596.9	773.2	887.5	949.9	920.3	1,061.5	1,113.0
FFRDCs admin by industrial firms	91.1	122.6	117.6	119.9	133.0	166.7	175.4	209.1	187.8	187.2	184.4
Univs & colleges excl FFRDCs	3,530.8	4,038.7	4,132.1	4,665.6	4,868.3	5,221.4	5,548.2	6,064.5	6,331.8	7,116.0	7,352.2
FFRDCs admin by univs 2/	668.9	724.2	724.1	906.7	989.8	1,096.1	1,227.3	1,306.2	1,394.1	1,398.8	1,357.6
Nonprofit inst excl FFRDCs	473.6	555.8	572.1	657.7	728.6	838.9	924.1	1,015.5	1,097.2	1,276.9	1,329.7
FFRDCs admin by nonprofit inst 2/	8.2	12.4	13.0	13.3	17.7	42.2	59.2	80.8	65.5	70.7	82.5
State and local governments	28.1	30.5	30.9	37.5	42.7	43.6	50.4	49.1	42.4	48.3	52.3
Foreign	27.7	30.9	32.7	28.5	46.3	47.4	47.6	49.1	53.8	60.9	62.5

1/ Intramural activities cover costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ In 1984 the Center for Naval Analyses was reclassified from an FFRDC administered by a university to an FFRDC administered by a nonprofit institution.

NOTE: Because of rounding, detail may not add to totals.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-157. Federal obligations for applied research, by performer: fiscal years 1973-83

[Dollars in millions]

Page 1 of 1

Performer	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	3,349.4	3,787.6	4,141.3	4,851.9	5,255.5	5,908.2	6,342.3	6,923.2	7,171.5	7,540.6	7,993.4
Intramural 1/	1,480.4	1,574.3	1,730.3	2,093.1	2,043.6	2,191.5	2,392.1	2,483.8	2,732.4	2,728.7	3,020.4
Industrial firms excl FFRDCs	711.2	750.7	891.7	971.9	1,159.1	1,403.7	1,484.9	1,752.3	1,665.4	1,885.7	1,821.3
FFRDCs admin by industrial firms	29.3	66.7	87.8	116.7	139.1	169.8	178.3	240.7	278.1	400.0	439.7
Univs & colleges excl FFRDCs	642.9	813.5	818.2	908.0	1,028.4	1,168.8	1,253.5	1,378.8	1,416.9	1,318.3	1,355.6
FFRDCs admin by univs	126.2	150.9	168.0	263.4	346.2	358.1	407.0	414.3	450.0	540.0	646.1
Nonprofit inst excl FFRDCs	217.7	287.1	266.4	308.9	349.6	398.1	382.3	398.9	392.1	387.9	427.3
FFRDCs admin by nonprofit inst	46.8	44.6	51.0	49.6	49.9	61.2	66.7	64.2	59.1	95.2	77.1
State and local governments	68.1	74.2	97.9	106.5	99.6	111.8	119.7	127.1	102.8	101.4	104.7
Foreign	26.9	25.7	30.0	33.8	39.9	45.3	57.9	63.0	74.8	83.4	101.1

1/ Intramural activities cover costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

NOTE: Because of rounding, detail may not add to totals.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-157a. Federal obligations for applied research, by performer: fiscal years 1984-94

[Dollars in millions]

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Performer	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Total	7,911.4	8,314.7	8,349.1	8,998.1	9,176.5	10,163.5	10,336.8	11,797.6	12,000.7	13,554.5	13,777.7
Intramural 1/	2,903.6	3,132.7	3,141.5	3,391.5	3,288.1	3,610.8	3,555.2	4,092.8	4,218.7	4,724.1	4,892.1
Industrial firms excl FFRDCs	1,759.5	1,694.3	1,768.8	1,981.6	2,045.6	2,101.8	2,304.2	2,456.6	2,530.9	3,171.8	3,230.8
FFRDCs admin by industrial firms	405.4	363.3	364.5	313.6	322.2	353.2	327.5	415.5	404.6	460.8	411.1
Univs & colleges excl FFRDCs	1,498.9	1,687.6	1,751.4	1,974.6	2,154.6	2,571.8	2,588.4	2,803.0	2,728.9	2,960.0	3,050.1
FFRDCs admin by univs 2/	667.0	697.1	567.6	564.3	575.0	605.4	564.3	854.7	957.6	973.6	881.8
Nonprofit inst excl FFRDCs	449.0	489.3	490.8	549.8	571.3	681.0	735.9	910.4	952.5	1,046.1	1,069.8
FFRDCs admin by nonprofit inst 2/	79.1	84.6	74.9	76.5	65.2	67.3	78.4	90.1	74.5	81.0	99.3
State and local governments	60.0	58.9	60.0	52.7	60.4	77.6	76.1	80.2	66.9	79.3	90.9
Foreign	88.8	107.0	129.7	93.4	94.1	94.6	106.9	94.3	66.2	57.8	51.9

1/ Intramural activities cover costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ In 1984 the Center for Naval Analyses was reclassified from an FFRDC administered by a university to an FFRDC administered by a nonprofit institution.

NOTE: Because of rounding, detail may not add to totals.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-158. Federal obligations for development, by performer: fiscal years 1973-83

[Dollars in millions]

Page 1 of 1

Performer	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	11,218.7	11,234.9	12,309.1	13,160.3	14,936.3	16,238.4	17,610.1	18,233.1	20,891.1	23,410.4	24,458.0
Intramural 1/	2,673.7	2,640.7	2,890.2	2,889.6	3,054.0	3,589.7	3,936.3	3,966.1	4,391.5	4,946.8	5,871.7
Industrial firms excl FFRDCs	6,844.0	6,877.7	7,413.0	8,237.3	9,350.0	9,748.6	10,410.5	10,891.5	12,909.6	15,035.6	14,905.5
FFRDCs admin by industrial firms	513.6	494.6	568.0	637.3	920.6	1,007.3	1,073.1	1,097.0	1,062.6	1,019.1	978.5
Univs & colleges excl FFRDCs	225.5	255.7	332.7	302.1	322.0	446.6	555.5	564.4	545.6	560.0	498.5
FFRDCs admin by univs	370.1	415.2	509.6	512.8	642.8	597.1	687.7	682.2	850.4	920.0	1,143.8
Nonprofit inst excl FFRDCs	262.0	258.1	307.7	273.1	287.9	407.3	403.8	427.1	363.6	348.1	404.7
FFRDCs admin by nonprofit inst	132.8	148.6	155.1	173.5	208.3	249.0	295.4	370.1	457.5	416.4	496.1
State and local governments	172.6	123.3	115.7	111.8	122.9	139.6	170.7	114.6	92.9	58.4	49.3
Foreign	24.4	21.0	17.3	22.7	27.9	53.2	77.3	120.1	217.5	106.0	109.9

1/ Intramural activities cover costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

NOTE: Because of rounding, detail may not add to totals.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-158a. Federal obligations for development, by performer: fiscal years 1984-94

[Dollars in millions]

Page 1 of 1

Performer	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Total	27,246.1	32,226.1	34,910.2	37,313.2	38,119.3	40,641.0	41,937.1	37,326.8	41,102.0	43,993.2	43,119.9
Intramural 1/	6,807.6	7,889.3	8,374.6	7,975.3	8,776.2	9,139.5	10,056.8	8,698.8	9,074.4	9,798.2	9,838.3
Industrial firms excl FFRDCs	16,472.9	19,630.5	21,920.7	24,319.6	24,076.7	25,672.9	26,178.4	23,014.1	26,293.6	29,161.1	28,593.2
FFRDCs admin by industrial firms	1,112.0	1,304.9	1,215.0	1,426.4	1,456.1	1,440.2	1,694.9	1,443.7	1,417.4	661.7	657.7
Univs & colleges excl FFRDCs	517.2	613.5	675.4	697.0	804.8	878.8	1,001.0	1,301.0	1,210.6	1,260.0	1,237.6
FFRDCs admin by univs 2/	1,149.9	1,395.1	1,476.0	1,738.6	1,909.1	1,793.6	1,658.3	1,442.9	1,503.7	1,122.3	1,029.9
Nonprofit inst excl FFRDCs	574.6	654.1	614.1	503.9	383.2	480.0	588.2	711.5	753.9	1,036.4	776.0
FFRDCs admin by nonprofit inst 2/	509.8	592.2	463.3	420.8	422.7	412.4	484.0	508.5	605.7	671.3	720.0
State and local governments	42.8	39.9	37.4	58.0	39.0	46.3	87.5	85.8	74.8	126.8	113.4
Foreign	59.2	106.7	133.9	173.4	251.4	777.3	188.1	120.5	167.9	155.4	153.8

1/ Intramural activities cover costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ In 1984 the Center for Naval Analyses was reclassified from an FFRDC administered by a university to an FFRDC administered by a nonprofit institution.

NOTE: Because of rounding, detail may not add to totals.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-159. Federal obligations for total research, by detailed field of science and engineering: fiscal years 1973-83

[Dollars in millions]

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Field of science and engineering	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total, all fields	5,581.4	6,175.2	6,729.7	7,619.3	8,514.1	9,606.8	10,535.0	11,597.4	12,212.8	13,022.2	14,253.5
Life sciences, total	1,931.1	2,265.1	2,455.2	2,649.7	3,007.7	3,427.1	3,848.3	4,192.3	4,435.6	4,745.5	5,177.9
Biol & agricultural, total	1,123.2	1,316.2	1,452.2	1,535.8	1,777.6	2,024.0	2,320.3	2,507.6	2,711.8	2,811.8	3,064.4
Biol (excl environmental)	NA	NA	NA	NA	NA	1,488.5	1,702.2	1,830.6	1,996.6	2,079.3	2,305.5
Environmental biology	NA	NA	NA	NA	NA	184.9	216.6	229.7	220.3	183.5	193.6
Agricultural	NA	NA	NA	NA	NA	350.7	401.5	447.2	494.8	549.0	565.2
Medical sciences, total	758.6	910.8	951.1	1,042.9	1,138.8	1,287.4	1,380.6	1,536.9	1,609.9	1,773.0	1,927.5
Clinical medical	494.2	565.7	550.6	586.7	634.4	NA	NA	NA	NA	NA	NA
Other medical	264.3	345.2	400.5	456.3	504.4	NA	NA	NA	NA	NA	NA
Life sciences, n.e.c.	49.3	38.1	51.9	71.0	91.4	115.7	147.3	147.9	113.9	160.7	186.1
Psychology, total	109.9	133.4	139.2	144.0	156.2	176.7	197.4	199.0	208.9	218.4	240.9
Biological aspects	32.4	49.3	37.4	43.8	57.6	53.4	56.8	59.9	57.5	59.6	63.2
Social aspects	47.7	52.0	57.1	54.9	54.5	65.4	83.6	94.8	93.5	98.1	104.7
Psychological sci, n.e.c.	29.8	32.1	44.7	45.3	44.1	57.9	57.0	44.3	57.9	60.7	73.0
Physical sciences, total	981.7	1,016.1	1,096.6	1,258.9	1,530.2	1,645.6	1,792.6	2,000.6	2,220.5	2,500.4	2,891.4
Astronomy	123.1	136.0	168.3	163.1	197.3	213.6	284.4	285.7	281.0	275.8	357.4
Chemistry	262.5	280.4	285.6	328.4	370.7	405.0	443.6	454.5	486.9	481.2	520.3
Physics	543.2	556.6	595.0	709.3	866.3	942.4	1,022.7	1,182.5	1,345.6	1,610.5	1,854.6
Physical sciences, n.e.c.	52.9	43.0	47.8	58.1	95.9	84.6	41.8	77.9	107.0	132.9	159.2
Environmental sciences, total	580.5	636.3	727.3	769.3	906.0	1,024.6	1,101.0	1,261.0	1,121.1	1,148.3	1,251.2
Atmospheric sciences	246.6	288.3	302.2	289.3	318.4	319.2	348.7	409.5	373.4	425.8	460.7
Geological sciences	168.4	157.1	191.7	227.2	269.4	316.4	358.7	401.8	396.1	357.6	333.5
Oceanography	97.9	120.0	143.8	164.0	195.9	223.8	220.5	262.1	261.7	261.3	343.5
Environmental sci, n.e.c.	67.7	71.0	89.5	88.8	122.3	165.2	173.1	187.6	89.9	103.6	113.5
Math & computer sci, total	114.8	114.3	125.3	157.8	195.9	216.3	210.3	240.9	278.9	350.1	419.4
Mathematics	NA	NA	NA	69.9	96.4	93.4	84.2	90.9	117.7	128.1	133.5
Computer sciences	NA	NA	NA	73.6	89.4	107.3	106.3	128.6	121.5	170.9	214.6
Math & computer sci, n.e.c.	NA	NA	NA	14.3	10.1	15.7	19.9	21.4	39.7	51.0	71.4
Engineering, total	1,370.6	1,563.7	1,717.8	2,068.7	2,112.9	2,421.2	2,571.6	2,830.1	3,071.5	3,386.5	3,517.0
Aeronautical	232.7	336.1	345.1	526.8	408.8	482.9	624.9	708.1	709.6	741.2	820.6
Astronautical	45.9	97.5	99.1	179.4	159.0	165.1	251.1	302.3	303.9	290.7	321.5
Chemical	72.0	61.5	83.9	88.3	104.8	149.4	114.3	96.3	147.6	95.1	145.0
Civil	106.2	103.6	125.6	105.9	117.4	142.4	125.0	158.8	159.1	201.9	188.5
Electrical	297.6	269.2	287.0	297.7	382.7	432.6	417.9	517.1	556.7	612.2	614.9
Mechanical	212.9	131.7	162.5	185.7	199.2	234.1	195.9	208.0	204.6	201.2	266.4
Metallurgy & materials	172.5	190.6	221.8	274.9	293.8	286.0	249.3	236.2	256.0	309.1	332.5
Engineering, n.e.c.	230.8	373.5	392.9	410.0	447.2	528.6	593.2	603.3	733.9	935.1	827.6
Social sciences, total	298.8	292.2	301.8	392.5	426.1	489.5	527.3	523.8	497.4	385.9	435.3
Anthropology	11.8	13.4	13.9	13.6	12.4	19.5	17.3	17.2	14.5	14.6	12.8
Economics	88.1	118.0	126.2	137.6	142.9	163.2	181.9	192.8	206.7	157.1	165.6
Political science	7.1	8.5	11.7	7.2	8.5	8.8	13.9	12.2	10.8	7.5	11.1
Sociology	102.1	64.3	54.9	53.6	52.2	60.3	64.5	71.4	65.0	52.0	67.8
Social sciences, n.e.c.	89.7	86.1	95.1	180.4	210.3	237.6	249.6	230.3	200.4	154.7	178.0
History	4.9	6.2	7.0	NA	NA	NA	NA	NA	NA	NA	NA
Linguistics	4.2	3.1	3.0	NA	NA	NA	NA	NA	NA	NA	NA
Other social sciences	80.6	78.7	85.1	NA	NA	NA	NA	NA	NA	NA	NA
Other sciences, n.e.c.	194.0	154.1	166.6	178.6	179.1	205.8	286.6	349.6	378.8	287.0	320.4

NOTE: Because of rounding, detail may not add to totals.

KEY: NA = Not applicable (indicates that the data collected for this table was not recorded at that level in that particular fiscal year)
n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-159a. Federal obligations for total research, by detailed field of science and engineering: fiscal years 1984-94

[Dollars in millions]

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Field of science and engineering	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Total, all fields	14,978.8	16,133.4	16,502.2	17,940.5	18,650.1	20,765.5	21,622.4	23,968.4	24,490.6	27,451.8	28,123.8
Life sciences, total	5,635.9	6,362.5	6,464.3	7,341.4	7,724.5	8,495.1	8,829.8	9,622.0	9,910.5	10,950.1	11,372.8
Biol & agricultural, total	3,325.0	3,755.3	3,861.3	4,358.5	4,573.4	5,020.0	5,178.4	5,597.9	5,633.6	6,208.3	6,441.7
Biol (excl environmental)	2,563.1	2,885.7	2,993.4	3,502.0	3,681.7	3,983.2	4,144.6	4,411.9	4,380.3	4,939.6	5,148.9
Environmental biology	250.0	260.3	264.1	289.6	301.0	367.8	342.3	459.7	511.0	537.3	526.5
Agricultural	512.0	609.3	603.8	566.9	590.7	669.0	691.4	726.2	742.3	731.4	766.4
Medical sciences, total	2,112.8	2,368.5	2,360.4	2,664.8	2,941.0	3,222.5	3,382.4	3,460.3	3,909.9	4,338.2	4,478.8
Life sciences, n.e.c.	198.1	238.7	242.6	318.2	210.1	252.6	269.1	563.8	367.0	403.5	452.3
Psychology, total	266.7	327.1	334.0	369.5	389.8	421.7	448.6	482.4	298.1	354.2	346.4
Biological aspects	80.8	91.2	90.1	98.3	105.3	121.8	131.7	140.4	34.7	38.6	35.3
Social aspects	107.8	142.9	143.5	154.5	149.4	149.9	180.8	198.4	101.0	127.9	115.3
Psychological sci, n.e.c.	78.1	93.1	100.4	116.7	135.2	149.9	136.2	143.6	162.4	187.7	195.8
Physical sciences, total	2,969.0	3,046.0	3,069.1	3,252.6	3,317.3	3,705.2	3,808.7	4,235.3	4,439.2	4,915.5	4,832.5
Astronomy	382.3	414.7	468.2	522.2	470.8	541.9	597.2	631.7	739.1	816.6	835.1
Chemistry	606.4	650.4	662.4	680.3	703.1	782.6	761.7	828.4	896.2	1,022.9	1,052.0
Physics	1,836.4	1,816.0	1,805.9	1,853.6	1,975.3	2,190.8	2,254.9	2,460.9	2,578.2	2,805.1	2,703.2
Physical sciences, n.e.c.	143.9	164.8	132.6	196.6	168.1	189.9	195.0	314.3	225.7	270.8	242.2
Environmental sciences, total	1,275.9	1,403.7	1,481.7	1,511.6	1,607.0	1,773.2	2,174.1	2,149.8	2,207.6	2,411.9	2,542.1
Atmospheric sciences	434.1	486.0	521.3	552.9	587.8	588.0	773.4	802.7	767.3	846.8	907.6
Geological sciences	359.0	429.0	443.9	441.7	441.6	542.8	661.1	728.7	735.7	774.6	822.2
Oceanography	363.5	398.5	429.7	427.4	460.4	491.9	520.1	398.6	458.9	503.7	521.4
Environmental sci, n.e.c.	119.3	90.2	86.8	89.5	117.1	150.5	219.5	219.8	245.8	286.8	290.8
Math & computer sci, total	440.3	574.9	615.4	640.6	642.9	735.4	840.7	903.7	1,160.3	1,363.0	1,468.7
Mathematics	151.0	183.6	184.5	204.5	217.9	236.1	241.3	227.6	318.7	358.6	389.3
Computer sciences	214.5	280.3	302.4	297.8	292.7	364.6	562.1	584.9	771.8	896.8	952.8
Math & computer sci, n.e.c.	74.8	111.0	128.5	138.3	132.3	134.8	37.3	91.1	69.9	107.6	126.6
Engineering, total	3,624.1	3,617.6	3,738.9	3,906.3	3,956.4	4,442.2	4,226.6	4,944.5	4,977.0	5,839.9	6,005.5
Aeronautical	860.4	738.0	775.6	810.4	801.8	986.8	927.1	1,016.2	874.6	1,102.2	1,295.9
Astronautical	396.8	424.7	526.9	624.6	575.4	677.4	580.8	653.1	630.4	596.1	674.1
Chemical	144.5	254.3	245.8	215.8	258.1	142.2	241.9	304.3	297.5	354.3	363.6
Civil	202.8	216.6	202.9	204.4	214.9	229.8	317.7	305.0	330.2	441.2	445.0
Electrical	630.0	626.8	674.4	786.3	731.1	843.1	640.0	729.9	759.0	940.7	864.9
Mechanical	190.5	267.0	236.5	233.5	240.8	257.4	268.3	335.5	337.2	530.3	416.1
Metallurgy & materials	341.1	439.2	445.0	362.0	456.7	521.0	554.5	710.7	727.2	713.8	842.2
Engineering, n.e.c.	858.0	651.0	631.7	669.3	677.8	784.5	696.3	889.8	1,020.8	1,161.3	1,103.7
Social sciences, total	436.3	460.0	415.5	480.0	485.8	551.0	630.0	727.3	689.7	704.3	708.6
Anthropology	18.6	18.0	13.6	15.2	14.3	13.9	14.4	16.0	14.1	14.9	15.6
Economics	147.3	159.7	131.3	148.5	159.5	166.8	197.2	187.4	211.6	210.4	217.0
Political science	10.8	14.6	11.6	11.3	12.2	13.5	13.1	17.0	22.6	19.3	22.3
Sociology	70.2	66.5	67.0	74.0	81.8	94.1	116.2	184.0	80.7	88.9	95.9
Social sciences, n.e.c.	189.5	201.3	192.0	231.0	218.0	262.8	289.1	322.9	360.8	370.8	357.7
Other sciences, n.e.c.	330.5	341.6	383.3	438.3	526.5	641.6	663.7	903.4	808.3	912.8	847.3

NOTE: Because of rounding, detail may not add to totals.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-160. Federal obligations for basic research, by detailed field of science and engineering: fiscal years 1973-83

[Dollars in millions]

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Field of science and engineering	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total, all fields	2,232.0	2,387.7	2,588.4	2,767.5	3,258.6	3,698.6	4,192.7	4,674.2	5,041.3	5,481.6	6,260.1
Life sciences, total	888.4	1,032.2	1,115.9	1,222.0	1,383.4	1,588.4	1,891.8	2,054.4	2,223.8	2,526.0	2,891.3
Biol & agricultural, total	608.6	691.9	747.0	818.4	933.6	1,078.7	1,279.3	1,339.4	1,462.4	1,674.8	1,928.8
Biol (excl environmental)	NA	NA	NA	NA	NA	874.5	1,055.5	1,099.9	1,201.7	1,401.2	1,621.9
Environmental biology	NA	NA	NA	NA	NA	64.3	90.8	86.1	83.3	83.2	92.7
Agricultural	NA	NA	NA	NA	NA	139.8	133.0	153.5	177.4	190.4	214.2
Medical sciences, total	253.2	317.6	342.4	374.4	414.8	467.7	560.1	657.0	706.2	793.4	878.9
Clinical medical	35.2	32.9	38.8	41.6	39.6	NA	NA	NA	NA	NA	NA
Other medical	218.0	284.7	303.5	332.8	375.2	NA	NA	NA	NA	NA	NA
Life sciences, n.e.c.	26.5	22.7	26.6	29.2	35.0	42.0	52.4	58.0	55.3	57.8	83.6
Psychology, total	45.4	46.1	58.6	45.5	55.7	67.5	75.1	84.2	91.0	89.9	92.9
Biological aspects	18.6	18.6	18.2	18.5	22.5	23.5	26.4	30.2	30.5	32.9	31.4
Social aspects	18.6	18.0	22.2	16.1	20.0	25.3	34.0	31.3	30.2	33.7	32.8
Psychological sci, n.e.c.	8.2	9.5	18.2	11.0	13.1	18.7	14.7	22.8	30.2	23.3	28.7
Physical sciences, total	628.2	649.6	709.0	721.4	890.0	941.4	1,050.0	1,220.6	1,324.9	1,393.8	1,587.2
Astronomy	121.5	133.3	163.0	160.0	193.3	209.8	280.6	279.4	274.2	271.1	354.5
Chemistry	146.4	149.3	158.6	168.3	208.7	203.3	224.8	256.9	298.2	312.0	362.2
Physics	350.8	360.3	379.0	388.4	467.4	518.8	535.6	668.2	735.4	790.7	855.1
Physical sciences, n.e.c.	9.5	6.7	8.3	4.8	20.6	9.5	8.9	16.1	17.1	20.0	15.4
Environmental sciences, total	273.4	291.6	280.8	294.3	387.5	451.3	457.3	522.4	532.8	520.0	580.1
Atmospheric sciences	133.9	138.5	111.0	114.0	143.5	163.3	169.2	179.0	173.8	163.2	172.6
Geological sciences	79.9	80.9	88.6	95.7	128.7	145.1	157.6	198.3	194.2	177.5	178.3
Oceanography	46.2	62.9	73.2	76.6	104.6	120.7	119.1	130.7	143.3	154.5	195.6
Environmental sci, n.e.c.	13.4	9.4	7.9	8.0	10.7	22.2	11.4	14.3	21.5	24.9	33.5
Math & computer sci, total	60.1	52.7	62.0	81.8	83.4	97.7	104.2	116.3	140.4	165.1	208.1
Mathematics	NA	NA	NA	43.2	52.1	55.9	60.0	66.8	79.2	90.9	100.9
Computer sciences	NA	NA	NA	26.6	31.0	40.3	43.0	46.2	52.2	67.4	90.4
Math & computer sci, n.e.c.	NA	NA	NA	12.0	.3	1.6	1.2	3.2	9.0	6.8	16.8
Engineering, total	220.8	214.9	262.8	272.8	337.7	392.6	434.7	465.2	526.0	610.5	689.5
Aeronautical	34.3	32.2	30.2	32.0	49.5	82.8	88.4	104.2	113.3	126.5	140.7
Astronautical	7.2	11.1	11.3	11.9	10.2	14.9	25.2	27.2	33.2	44.8	50.4
Chemical	12.4	11.3	16.4	18.4	24.0	24.1	24.6	26.1	31.3	35.2	50.4
Civil	10.4	10.1	7.7	7.8	10.4	10.8	14.2	22.0	23.4	32.0	32.4
Electrical	44.0	38.4	47.8	53.1	55.1	57.4	62.0	70.6	78.5	93.6	95.8
Mechanical	27.8	17.3	17.6	20.1	29.6	29.5	35.9	42.2	47.4	53.1	60.7
Metallurgy & materials	67.7	74.6	99.7	103.3	124.9	134.5	151.1	121.3	138.5	155.9	182.9
Engineering, n.e.c.	16.9	19.8	32.2	26.3	33.9	38.4	33.2	51.6	60.5	69.4	76.2
Social sciences, total	80.2	74.8	73.8	86.4	95.5	124.3	129.7	147.2	137.0	120.2	137.7
Anthropology	10.7	8.8	7.0	6.4	8.0	12.0	12.5	14.2	13.1	13.1	11.2
Economics	21.7	25.1	22.1	25.6	29.1	33.6	32.7	40.0	34.1	39.0	41.0
Political science	3.0	2.2	1.6	3.0	2.5	3.2	4.1	7.4	6.3	4.4	4.6
Sociology	12.5	14.4	15.1	16.6	15.9	18.6	18.4	25.4	22.6	18.7	32.8
Social sciences, n.e.c	32.4	24.3	28.0	34.8	39.9	57.0	62.0	60.2	60.9	45.1	48.2
History	4.6	5.9	6.0	NA	NA	NA	NA	NA	NA	NA	NA
Linguistics	3.1	2.1	2.1	NA	NA	NA	NA	NA	NA	NA	NA
Other social sciences	24.7	16.3	19.9	NA	NA	NA	NA	NA	NA	NA	NA
Other sciences, n.e.c.	35.6	25.7	25.5	43.1	25.5	35.4	50.0	63.9	65.4	56.1	73.3

NOTE: Because of rounding, detail may not add to totals.

KEY: NA = Not applicable (indicates that the data collected for this table was not recorded at that level in that particular fiscal year)
n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-160a. Federal obligations for basic research, by detailed field of science and engineering: fiscal years 1984-94

[Dollars in millions]

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Field of science and engineering	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Total, all fields	7,067.4	7,818.7	8,153.1	8,942.4	9,473.6	10,602.0	11,285.6	12,170.8	12,489.9	13,897.4	14,346.1
Life sciences, total	3,287.6	3,786.6	3,858.8	4,361.9	4,501.8	4,915.7	5,177.5	5,433.6	5,841.7	6,601.7	6,883.6
Biol & agricultural, total	2,174.7	2,515.5	2,543.0	2,870.4	2,855.3	3,102.9	3,219.0	3,374.9	3,517.6	3,926.5	4,086.6
Biol (excl environmental)	1,835.8	2,106.3	2,151.5	2,461.5	2,414.9	2,647.2	2,742.2	2,868.5	2,981.8	3,383.7	3,518.4
Environmental biology	120.8	125.7	125.7	141.0	146.8	157.3	168.3	186.9	201.6	205.1	214.9
Agricultural	218.1	283.5	265.7	267.9	293.7	298.4	308.5	319.4	334.2	337.7	353.3
Medical sciences, total	1,015.3	1,145.4	1,196.6	1,341.0	1,573.2	1,708.4	1,849.6	1,857.7	2,131.0	2,453.4	2,527.6
Life sciences, n.e.c.	97.7	125.7	119.2	150.6	73.2	104.4	108.9	201.0	193.1	221.8	269.4
Psychology, total	107.9	132.8	133.0	147.1	177.8	187.1	215.1	225.5	122.6	135.7	141.1
Biological aspects	43.7	48.0	47.0	49.3	52.4	61.0	65.9	68.2	14.4	15.5	16.3
Social aspects	33.4	46.9	45.3	45.5	40.9	38.1	62.7	69.2	16.9	15.8	17.5
Psychological sci, n.e.c.	30.8	38.0	40.7	52.3	84.5	88.0	86.5	88.1	91.3	104.4	107.3
Physical sciences, total	1,728.0	1,815.2	1,914.4	2,098.0	2,199.6	2,506.5	2,661.5	2,881.5	2,951.4	3,226.8	3,270.9
Astronomy	379.6	400.7	453.1	504.5	458.5	524.6	579.9	612.3	729.7	806.4	823.0
Chemistry	403.4	425.0	433.4	445.1	470.8	504.6	502.1	538.7	556.6	638.1	664.4
Physics	921.4	959.9	1,003.4	1,072.3	1,205.5	1,395.3	1,474.3	1,644.9	1,607.5	1,715.3	1,715.4
Physical sciences, n.e.c.	23.6	29.7	24.7	74.2	64.8	81.9	105.1	85.5	57.6	66.9	68.0
Environmental sciences, total	656.7	699.7	749.1	781.0	872.7	1,016.9	1,274.8	1,263.5	1,303.6	1,391.6	1,450.5
Atmospheric sciences	192.2	209.2	240.4	243.8	280.7	316.4	443.7	449.0	435.2	478.8	505.2
Geological sciences	198.0	250.0	265.5	266.2	267.3	334.9	439.7	499.0	526.5	538.9	584.1
Oceanography	220.1	219.3	224.3	249.8	269.4	293.5	299.7	197.5	210.0	242.4	229.9
Environmental sci, n.e.c.	46.4	21.2	18.9	21.2	55.2	72.1	91.6	118.0	131.9	131.5	131.3
Math & computer sci, total	240.8	260.0	293.4	306.4	313.2	345.8	406.9	426.1	481.4	545.4	599.3
Mathematics	113.9	130.3	142.4	158.4	165.4	167.8	176.3	164.4	228.2	243.5	272.7
Computer sciences	104.8	116.1	131.4	128.5	125.5	159.5	225.2	223.5	247.7	292.8	316.6
Math & computer sci, n.e.c.	22.2	13.6	19.6	19.5	22.4	18.4	5.3	38.2	5.5	9.1	10.0
Engineering, total	845.0	884.2	968.5	989.5	1,006.2	1,183.7	1,101.5	1,233.7	1,249.8	1,407.8	1,438.0
Aeronautical	225.5	191.5	226.3	237.4	231.0	327.9	269.6	256.2	245.1	299.6	288.8
Astronautical	52.4	41.6	52.5	48.8	48.4	58.9	62.3	69.7	94.4	105.7	99.3
Chemical	55.5	74.4	73.0	77.5	88.6	50.1	75.8	101.7	105.0	118.8	113.6
Civil	41.9	43.6	45.2	45.7	46.1	51.7	47.3	59.3	53.4	58.6	66.9
Electrical	130.4	144.9	156.3	175.4	154.0	173.8	146.9	142.5	165.4	206.0	217.2
Mechanical	64.1	88.2	83.6	87.2	83.5	100.8	91.4	115.6	113.9	137.9	156.6
Metallurgy & materials	187.3	211.9	228.5	209.8	230.1	254.8	260.2	294.6	273.6	296.8	338.7
Engineering, n.e.c.	87.9	88.2	103.2	107.8	124.4	165.7	147.9	194.3	199.2	184.6	156.9
Social sciences, total	132.6	140.7	113.5	129.5	146.8	154.6	146.0	161.3	139.9	154.7	151.5
Anthropology	16.8	15.8	11.2	12.3	12.1	12.1	12.5	12.7	11.0	12.0	12.8
Economics	29.7	34.3	26.3	29.0	34.7	37.7	37.1	37.3	39.3	37.8	39.2
Political science	4.1	5.8	4.1	5.5	5.1	5.4	6.4	7.1	6.4	6.9	7.2
Sociology	33.9	32.4	30.0	34.3	36.8	38.2	24.2	28.2	10.2	11.4	11.2
Social sciences, n.e.c.	48.1	52.4	41.9	48.4	58.1	61.2	65.8	75.9	72.9	86.6	81.0
Other sciences, n.e.c.	68.8	99.4	122.5	130.9	255.5	291.7	302.3	545.6	399.4	433.8	411.3

NOTE: Because of rounding, detail may not add to totals.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-161. Federal obligations for applied research, by detailed field of science and engineering: fiscal years 1973-83

[Dollars in millions]

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Field of science and engineering	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total, all fields	3,349.4	3,787.6	4,141.3	4,851.9	5,255.5	5,908.2	6,342.3	6,923.2	7,171.5	7,540.6	7,993.4
Life sciences, total	1,042.7	1,233.0	1,339.3	1,427.7	1,624.4	1,838.7	1,956.5	2,137.9	2,211.8	2,219.5	2,286.6
Biol & agricultural, total	514.6	624.3	705.2	717.4	844.0	945.3	1,041.0	1,168.1	1,249.4	1,137.0	1,135.6
Biol (excl environmental)	NA	NA	NA	NA	NA	614.0	646.7	730.8	794.9	678.1	683.7
Environmental biology	NA	NA	NA	NA	NA	120.5	125.8	143.6	137.0	100.4	101.0
Agricultural	NA	NA	NA	NA	NA	210.8	268.6	293.7	317.4	358.6	351.0
Medical sciences, total	505.4	593.3	608.7	668.6	724.0	819.8	820.5	879.9	903.7	979.6	1,048.5
Clinical medical	459.0	532.7	511.7	545.1	594.8	NA	NA	NA	NA	NA	NA
Other medical	46.3	60.5	97.0	123.5	129.2	NA	NA	NA	NA	NA	NA
Life sciences, n.e.c.	22.8	15.4	25.4	41.7	56.4	73.6	95.0	89.9	58.7	102.9	102.4
Psychology, total	64.6	87.3	80.6	98.5	100.5	109.2	122.3	114.8	117.9	128.5	147.9
Biological aspects	13.8	30.7	19.2	25.3	35.1	29.9	30.4	29.7	27.0	26.7	31.8
Social aspects	29.1	33.9	34.9	38.8	34.5	40.1	49.6	63.5	63.3	64.4	71.8
Psychological sci, n.e.c.	21.7	22.6	26.5	34.3	30.9	39.1	42.3	21.5	27.7	37.4	44.3
Physical sciences, total	353.5	366.5	387.7	537.5	640.2	704.2	742.6	780.0	895.6	1,106.5	1,304.3
Astronomy	1.6	2.7	5.3	3.1	4.0	3.8	3.8	6.3	6.8	4.7	3.0
Chemistry	116.1	131.1	126.9	160.2	162.0	201.7	218.8	197.6	188.7	169.2	158.1
Physics	192.5	196.3	216.0	320.8	398.8	423.6	487.1	514.4	610.2	819.8	999.5
Physical sciences, n.e.c.	43.4	36.3	39.5	53.3	75.3	75.1	32.8	61.8	89.9	112.9	143.7
Environmental sciences, total	307.1	344.7	446.5	475.0	518.5	573.3	643.7	738.6	588.2	628.3	671.2
Atmospheric sciences	112.7	149.8	191.2	175.3	174.9	155.9	179.5	230.5	199.6	262.6	288.1
Geological sciences	88.5	76.2	103.1	131.5	140.7	171.2	201.1	203.4	201.9	180.1	155.2
Oceanography	51.7	57.1	70.6	87.4	91.3	103.1	101.4	131.4	118.4	106.8	147.9
Environmental sci, n.e.c.	54.3	61.6	81.6	80.8	111.6	143.0	161.7	173.3	68.4	78.7	80.0
Math & computer sci, total	54.7	61.5	63.3	76.0	112.5	118.5	106.1	124.7	138.6	185.0	211.3
Mathematics	NA	NA	NA	26.7	44.3	37.5	24.2	24.1	38.6	37.3	32.6
Computer sciences	NA	NA	NA	47.0	58.3	67.0	63.3	82.4	69.3	103.5	124.1
Math & computer sci, n.e.c.	NA	NA	NA	2.3	9.9	14.1	18.6	18.2	30.7	44.3	54.6
Engineering, total	1,149.8	1,348.9	1,454.9	1,795.9	1,775.2	2,028.6	2,137.0	2,364.9	2,545.4	2,776.1	2,827.5
Aeronautical	198.4	303.9	314.9	494.8	359.3	400.0	536.5	604.0	596.3	614.7	679.9
Astronautical	38.7	86.4	87.8	167.5	148.8	150.2	226.0	275.1	270.8	245.9	271.1
Chemical	59.5	50.1	67.5	69.8	80.8	125.3	89.7	70.2	116.3	59.9	94.6
Civil	95.7	93.5	117.9	98.1	107.0	131.6	110.8	136.8	135.8	169.9	156.0
Electrical	253.6	230.8	239.2	244.6	327.6	375.2	355.8	446.6	478.2	518.6	519.1
Mechanical	185.1	114.4	144.8	165.6	169.5	204.7	160.0	165.8	157.3	148.1	205.7
Metallurgy & materials	104.8	116.0	122.1	171.6	168.9	151.4	98.2	114.8	117.5	153.2	149.6
Engineering, n.e.c.	213.9	353.7	360.7	383.7	413.3	490.2	560.0	551.6	673.4	865.7	751.4
Social sciences, total	218.6	217.4	228.1	306.0	330.6	365.1	397.6	376.6	360.5	265.7	297.5
Anthropology	1.1	4.6	6.9	7.2	4.3	7.6	4.9	2.9	1.5	1.5	1.6
Economics	66.4	92.9	104.2	111.9	113.8	129.6	149.2	152.8	172.6	118.2	124.6
Political science	4.1	6.2	10.1	4.2	5.9	5.6	9.8	4.8	4.5	3.2	6.6
Sociology	89.6	49.9	39.8	37.0	36.2	41.7	46.1	46.1	42.4	33.3	35.0
Social sciences, n.e.c.	57.3	63.8	67.1	145.6	170.3	180.6	187.6	170.1	139.5	109.6	129.8
History	.2	.3	1.0	NA	NA	NA	NA	NA	NA	NA	NA
Linguistics	1.1	1.0	.9	NA	NA	NA	NA	NA	NA	NA	NA
Other social sciences	55.9	62.5	65.2	NA	NA	NA	NA	NA	NA	NA	NA
Other sciences, n.e.c.	158.4	128.4	141.0	135.4	153.6	170.4	236.6	285.7	313.5	231.0	247.1

NOTE: Because of rounding, detail may not add to totals.

KEY:
NA = Not applicable (indicates that the data collected for this table was not recorded at that level in that particular fiscal year)
n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-161a. Federal obligations for applied research, by detailed field of science and engineering: fiscal years 1984-94

[Dollars in millions]

Page 1 of 1

Field of science and engineering	1984	1985	1986	1987	1988	1989	1990	1991	1992	Estimates	
										1993	1994
Total, all fields	7,911.4	8,314.7	8,349.1	8,998.1	9,176.5	10,163.5	10,336.8	11,797.6	12,000.7	13,554.5	13,777.7
Life sciences, total	2,348.3	2,575.9	2,605.5	2,979.5	3,222.7	3,579.4	3,652.3	4,188.4	4,068.8	4,348.4	4,489.2
Biol & agricultural, total	1,150.3	1,239.8	1,318.4	1,488.1	1,718.0	1,917.2	1,959.4	2,223.0	2,116.0	2,281.8	2,355.1
Biol (excl environmental)	727.3	779.3	841.9	1,040.5	1,266.8	1,336.0	1,402.5	1,543.4	1,398.4	1,555.9	1,630.5
Environmental biology	129.2	134.6	138.3	148.6	154.2	210.5	174.0	272.8	309.4	332.2	311.6
Agricultural	293.8	325.8	338.1	299.1	297.0	370.7	382.9	406.8	408.2	393.7	413.0
Medical sciences, total	1,097.5	1,223.1	1,163.8	1,323.8	1,367.8	1,514.1	1,532.7	1,602.6	1,778.9	1,884.8	1,951.2
Life sciences, n.e.c.	100.4	113.0	123.3	167.6	136.9	148.1	160.2	362.9	173.9	181.8	182.9
Psychology, total	158.8	194.3	201.0	222.4	212.0	234.5	233.5	256.9	175.6	218.5	205.3
Biological aspects	37.1	43.2	43.1	49.1	52.9	60.8	65.8	72.1	20.3	23.1	19.0
Social aspects	74.3	96.0	98.3	108.9	108.4	111.8	118.1	129.2	84.1	112.0	97.8
Psychological sci, n.e.c.	47.4	55.1	59.7	64.4	50.7	61.9	49.7	55.5	71.1	83.3	88.5
Physical sciences, total	1,241.0	1,230.8	1,154.6	1,156.6	1,117.7	1,198.8	1,147.2	1,353.9	1,487.7	1,688.7	1,561.6
Astronomy	2.7	14.1	15.1	17.7	12.3	17.3	17.2	19.3	9.4	10.2	12.1
Chemistry	203.0	225.4	229.0	235.2	232.3	278.0	259.6	289.7	339.6	384.8	387.6
Physics	915.0	856.1	802.6	781.4	769.8	795.5	780.6	816.0	970.7	1,089.9	987.8
Physical sciences, n.e.c.	120.3	135.2	107.9	122.4	103.3	108.0	89.8	228.9	168.1	203.9	174.1
Environmental sciences, total	619.2	704.0	732.6	730.6	734.3	756.3	899.3	886.3	904.0	1,020.3	1,091.5
Atmospheric sciences	242.0	276.8	280.9	309.1	307.1	271.6	329.7	353.7	332.0	368.0	402.4
Geological sciences	161.0	179.0	178.4	175.6	174.3	207.8	221.4	229.7	209.2	235.7	238.1
Oceanography	143.4	179.3	205.4	177.6	190.9	198.4	220.4	201.0	248.9	261.3	291.5
Environmental sci, n.e.c.	72.9	69.0	67.9	68.3	61.9	78.5	127.8	101.7	113.8	155.3	159.6
Math & computer sci, total	199.5	314.9	322.0	334.3	329.6	389.7	433.9	477.6	678.9	817.6	869.4
Mathematics	37.1	53.4	42.1	46.1	52.5	68.3	65.0	63.2	90.5	115.1	116.6
Computer sciences	109.7	164.2	171.0	169.3	167.2	205.1	336.9	361.4	524.0	604.0	636.2
Math & computer sci, n.e.c.	52.7	97.3	108.9	118.9	109.9	116.3	31.9	52.9	64.3	98.5	116.6
Engineering, total	2,779.1	2,733.4	2,770.4	2,916.8	2,950.2	3,258.4	3,125.1	3,710.8	3,727.1	4,432.1	4,567.5
Aeronautical	634.9	546.5	549.3	573.0	570.8	658.9	657.5	760.0	629.5	802.6	1,007.1
Astronautical	344.4	383.2	474.4	575.9	526.9	618.5	518.5	583.4	536.0	490.4	574.8
Chemical	88.9	179.9	172.8	138.3	169.5	92.2	166.0	202.6	192.5	235.6	250.0
Civil	161.0	173.0	157.8	158.7	168.7	178.1	270.4	245.7	276.9	382.6	378.1
Electrical	499.7	481.9	518.1	610.9	577.1	669.3	493.1	587.4	593.6	734.7	647.8
Mechanical	126.3	178.8	153.0	146.2	157.2	156.5	176.9	220.0	223.4	392.4	259.5
Metallurgy & materials	153.7	227.4	216.6	152.2	226.6	266.2	294.3	416.1	453.6	417.0	503.5
Engineering, n.e.c.	770.1	562.8	528.5	561.6	553.3	618.8	548.4	695.4	821.6	976.7	946.8
Social sciences, total	303.8	319.3	302.0	350.5	339.0	396.4	484.0	566.0	549.8	549.7	557.2
Anthropology	1.7	2.1	2.4	2.9	2.2	1.8	1.9	3.3	3.1	2.9	2.9
Economics	117.6	125.4	105.0	119.6	124.8	129.1	160.1	150.1	172.3	172.6	177.7
Political science	6.7	8.9	7.5	5.8	7.1	8.1	6.8	10.0	16.1	12.5	15.1
Sociology	36.3	34.0	37.0	39.6	45.0	55.9	92.0	155.7	70.5	77.5	84.7
Social sciences, n.e.c.	141.4	148.9	150.2	182.6	159.9	201.6	223.3	246.9	287.9	284.2	276.7
Other sciences, n.e.c.	261.7	242.2	260.9	307.4	271.0	350.0	361.5	357.8	408.8	479.1	435.9

NOTE: Because of rounding, detail may not add to totals.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-162. Federal obligations for research and development, by State: fiscal years 1973-83

[Dollars in millions]

Page 1 of 1

State	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	16,486.1	16,990.7	18,542.3	20,247.4	22,841.1	25,077.7	27,084.2	28,627.3	31,929.6	35,361.6	37,627.8
Alabama	376.5	377.4	363.1	374.4	414.7	432.0	516.9	455.7	493.5	561.5	671.7
Alaska	41.8	25.3	36.4	37.6	38.1	48.7	45.9	42.5	51.8	40.0	40.4
Arizona	94.8	99.5	116.3	122.5	142.5	163.4	201.4	334.6	367.7	264.5	469.3
Arkansas	16.6	14.2	23.3	26.5	24.3	42.4	37.3	30.0	31.2	43.5	31.4
California	3,840.2	4,075.7	4,839.6	5,496.1	5,785.5	5,839.2	6,338.6	6,097.7	7,049.7	8,888.3	8,194.9
Colorado	410.8	323.3	267.9	248.6	324.2	393.2	442.2	573.7	632.8	556.6	436.2
Connecticut	193.9	233.7	269.7	239.4	291.8	299.8	328.4	470.3	485.0	439.6	743.3
Delaware	40.8	10.4	10.0	8.0	15.3	11.1	14.4	20.8	25.9	34.6	20.4
District of Columbia	490.0	552.3	580.3	570.3	728.1	790.2	768.4	807.0	921.0	954.6	1,196.1
Florida	952.0	783.2	796.8	788.3	872.5	890.1	913.1	1,120.8	1,373.7	1,776.4	1,276.0
Georgia	66.8	70.9	81.0	92.3	111.2	155.7	164.4	169.8	195.0	217.3	237.2
Hawaii	47.9	53.1	43.0	45.5	36.9	44.6	40.8	42.6	49.9	44.5	71.4
Idaho	81.8	52.2	67.2	72.7	119.8	107.0	147.1	147.7	119.5	127.0	223.4
Illinois	287.6	325.4	371.3	414.3	517.2	564.3	547.2	599.9	572.6	543.0	567.5
Indiana	82.9	95.0	92.8	92.4	102.8	108.1	122.0	162.4	170.1	186.2	213.6
Iowa	38.5	46.5	47.8	48.5	60.1	68.3	84.9	121.7	147.4	138.3	95.2
Kansas	30.4	29.4	32.8	32.1	36.3	106.6	136.3	353.6	471.0	637.7	97.4
Kentucky	38.1	31.3	35.2	51.0	56.6	62.1	43.0	107.9	101.0	97.2	93.1
Louisiana	91.6	75.7	101.8	126.1	156.5	162.7	209.1	196.3	331.8	236.8	186.6
Maine	9.6	10.5	11.9	15.6	18.3	25.4	23.1	25.9	24.4	23.9	29.3
Maryland	1,434.8	1,528.9	1,610.3	1,811.2	1,991.4	2,091.0	2,299.8	2,465.0	2,585.1	2,850.2	3,412.4
Massachusetts	953.6	1,188.3	1,228.6	1,284.9	1,472.0	1,689.3	2,055.6	2,047.7	2,407.1	2,775.2	2,559.3
Michigan	153.8	196.6	248.9	222.2	316.6	367.8	264.4	377.5	357.2	376.7	412.5
Minnesota	120.2	106.9	123.2	153.3	186.5	177.7	202.8	261.6	309.0	378.6	448.2
Mississippi	57.5	76.3	57.9	71.6	95.4	87.1	100.7	109.3	125.5	125.7	185.8
Missouri	608.1	387.0	330.0	404.3	639.6	827.3	778.9	801.6	820.4	911.3	576.8
Montana	19.9	13.6	28.4	29.8	47.8	27.5	41.6	45.7	45.4	42.7	35.0
Nebraska	13.4	14.7	20.3	21.4	24.5	33.5	31.3	31.6	31.7	32.0	42.3
Nevada	143.1	112.5	150.0	179.7	184.3	196.7	222.1	214.5	263.0	376.3	647.1
New Hampshire	30.6	29.3	33.6	34.7	32.6	68.7	94.1	50.2	54.8	50.8	76.8
New Jersey	645.2	473.8	442.0	495.7	566.3	522.5	649.3	729.4	775.4	887.9	1,293.4
New Mexico	462.8	532.0	554.8	626.3	751.4	987.4	955.5	954.2	1,224.1	1,322.6	1,804.9
New York	932.6	1,026.3	1,058.6	1,107.4	1,203.8	1,284.1	1,362.2	1,468.8	1,557.7	1,692.5	2,523.2
North Carolina	101.7	110.0	116.9	139.1	154.7	192.3	220.9	227.7	259.8	272.7	312.5
North Dakota	9.5	10.5	13.0	14.8	19.3	28.3	33.4	38.7	40.1	36.5	27.2
Ohio	478.8	567.3	585.2	627.8	694.8	858.3	1,053.2	1,054.7	1,117.2	1,024.8	1,170.1
Oklahoma	34.8	29.9	34.5	32.1	48.2	105.0	70.1	94.5	82.4	65.6	67.9
Oregon	64.3	59.9	79.0	84.6	84.9	95.3	100.1	97.9	105.6	106.3	108.0
Pennsylvania	628.8	660.1	780.7	836.0	837.5	995.7	1,099.9	1,059.4	1,082.9	1,131.5	1,173.3
Rhode Island	59.3	74.9	75.1	101.8	110.1	120.3	140.7	149.9	182.5	242.1	267.5
South Carolina	23.7	28.8	24.6	30.8	67.2	118.3	114.3	87.5	96.1	98.7	104.6
South Dakota	10.7	12.4	6.8	7.3	8.5	9.1	10.2	9.9	10.2	19.0	12.4
Tennessee	209.5	241.7	289.4	388.2	546.3	644.3	644.1	722.9	883.6	702.3	435.5
Texas	651.0	652.2	714.5	837.2	819.4	1,003.8	1,000.1	908.6	1,031.7	1,054.3	1,412.6
Utah	66.7	68.7	80.1	101.5	133.2	161.8	211.6	243.9	305.7	287.9	268.9
Vermont	17.5	25.1	31.6	39.7	36.6	23.7	16.7	36.6	18.7	35.7	23.7
Virginia	567.9	642.3	726.8	751.5	780.2	857.1	945.1	1,059.3	1,066.4	1,268.1	2,286.1
Washington	567.9	650.4	694.6	705.6	879.1	878.3	864.7	951.8	1,047.5	1,038.9	709.3
West Virginia	28.2	25.9	46.5	37.2	50.6	73.3	107.2	152.0	151.2	91.0	82.5
Wisconsin	79.6	79.6	79.2	82.8	94.8	111.9	111.0	121.7	132.2	129.4	142.4
Wyoming	10.7	11.0	16.3	19.4	24.2	40.8	41.0	53.9	58.2	25.4	28.4
Outlying areas	19.7	19.6	28.8	22.4	47.8	38.7	39.4	45.3	38.9	40.7	32.0
Offices abroad	47.4	49.1	43.9	43.0	38.6	45.9	57.7	73.5	47.2	59.0	51.0

NOTES: For each year, the data shown include the obligations of the 10 or 11 major R&D-supporting agencies which were requested to report to this section of the survey in that year, and represent 98 percent or more of the total Federal R&D obligations in that year.

Although the nongeographic historical tables incorporate corrections to previously reported data that have been submitted by the reporting agencies, corresponding corrections to the geographic distributions are rarely obtainable.

Because of rounding, detail may not add to totals.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-162a. Federal obligations for research and development, by State: fiscal years 1984-92

[Dollars in millions]

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State	1984	1985	1986	1987	1988	1989	1990	1991	1992
Total	41,148.5	47,214.8	50,310.2	54,067.4	55,471.0	59,485.0	62,105.2	59,865.4	64,089.7
Alabama	792.6	896.6	1,188.2	1,346.4	1,363.7	1,646.7	1,805.4	1,863.2	2,151.7
Alaska	47.7	51.5	49.4	48.8	50.5	71.3	90.7	102.7	93.0
Arizona	383.9	458.2	398.1	414.9	369.4	501.2	591.7	516.8	638.2
Arkansas	35.0	39.7	40.5	52.3	56.4	57.0	85.7	85.9	68.8
California	8,995.8	10,771.8	11,512.3	13,672.2	14,895.9	15,919.4	16,249.3	14,488.3	15,999.1
Colorado	531.6	629.2	1,636.4	1,516.3	1,408.4	1,618.1	1,888.3	2,894.2	1,479.2
Connecticut	675.9	742.8	577.3	672.2	619.5	596.7	509.8	672.7	578.3
Delaware	63.7	34.7	30.2	32.3	36.0	31.9	28.3	41.8	43.1
District of Columbia	1,796.0	2,077.7	2,324.0	2,209.2	2,925.3	1,914.9	1,593.1	1,943.7	2,185.2
Florida	1,138.1	1,205.2	1,448.0	2,297.3	2,133.4	2,269.8	2,343.4	2,181.1	2,832.3
Georgia	245.5	291.8	250.5	352.1	350.4	392.5	364.1	466.5	2,512.6
Hawaii	52.9	58.2	54.7	63.9	82.2	97.4	100.0	112.6	150.7
Idaho	195.2	259.7	266.6	232.7	250.1	195.9	326.1	279.1	299.5
Illinois	675.6	772.8	745.0	827.3	850.7	909.1	957.2	959.4	921.9
Indiana	236.0	227.7	295.1	339.4	312.1	392.5	363.6	378.7	367.0
Iowa	134.5	150.3	224.3	162.4	197.1	190.9	186.7	209.8	194.7
Kansas	101.9	138.1	112.7	94.2	126.7	128.8	116.4	83.6	91.2
Kentucky	56.5	69.2	59.1	61.9	68.5	73.0	96.5	122.4	71.7
Louisiana	129.7	118.8	92.4	107.4	101.3	179.6	121.2	163.6	169.6
Maine	38.1	36.7	35.6	178.6	39.8	67.7	39.7	57.1	60.6
Maryland	3,917.9	4,371.6	4,512.5	4,036.3	4,355.3	4,849.0	5,332.1	5,569.0	5,779.7
Massachusetts	2,882.6	3,276.7	3,240.3	3,910.8	2,702.0	2,882.5	2,982.8	3,146.8	3,227.9
Michigan	479.4	502.1	460.5	463.3	417.5	686.2	810.8	772.6	876.3
Minnesota	636.8	718.7	515.4	506.6	576.8	597.3	529.8	455.7	456.4
Mississippi	145.5	172.4	143.4	184.4	185.1	198.7	471.7	230.6	255.7
Missouri	659.5	694.2	677.8	614.7	637.6	1,241.9	1,064.3	587.9	733.5
Montana	26.6	26.0	26.4	30.1	35.5	36.2	30.9	45.8	71.5
Nebraska	33.0	34.6	41.1	48.9	52.1	51.2	76.4	76.1	71.1
Nevada	440.5	490.4	462.6	462.0	443.3	427.5	484.7	496.0	465.8
New Hampshire	116.4	130.3	136.0	83.6	60.8	98.0	145.1	196.3	156.1
New Jersey	1,550.0	1,791.8	1,781.4	1,114.9	1,209.3	1,320.4	1,601.6	1,698.3	1,646.8
New Mexico	2,104.8	2,368.6	2,500.0	1,998.2	2,296.1	2,220.4	2,311.3	2,018.7	2,211.3
New York	2,493.4	3,128.4	3,163.5	2,941.8	2,688.7	2,904.1	2,960.8	3,086.6	3,058.7
North Carolina	378.3	485.7	497.7	583.8	625.0	562.8	618.6	673.8	700.7
North Dakota	37.8	32.7	27.2	29.4	32.5	33.3	53.1	43.7	54.2
Ohio	1,366.5	1,520.5	1,591.7	1,862.9	1,865.2	1,938.8	2,088.5	1,729.9	1,863.4
Oklahoma	65.5	81.3	69.8	99.4	103.7	117.6	162.6	131.5	126.1
Oregon	137.8	151.6	127.6	133.9	170.3	168.4	175.6	216.5	226.5
Pennsylvania	1,142.2	1,329.6	1,301.3	1,681.9	1,731.6	1,961.9	2,074.6	2,125.8	1,794.4
Rhode Island	306.1	334.3	392.7	365.4	335.6	314.1	391.1	433.8	386.3
South Carolina	119.8	119.9	122.5	123.7	148.7	222.6	230.9	250.4	172.1
South Dakota	14.0	14.4	14.6	12.8	13.1	15.0	15.7	22.5	23.9
Tennessee	546.7	556.3	591.3	732.0	567.2	576.0	825.0	732.2	666.0
Texas	1,473.8	1,664.6	1,912.0	2,261.3	2,514.9	3,189.2	3,496.8	2,321.4	2,873.0
Utah	232.4	250.9	274.6	427.3	462.0	517.8	437.7	429.1	314.0
Vermont	33.8	36.1	41.1	39.6	55.9	60.1	42.5	56.1	51.3
Virginia	2,247.2	2,472.4	2,810.0	2,292.5	2,729.1	2,778.0	2,733.5	2,909.0	3,231.3
Washington	881.8	1,036.5	1,153.9	1,878.8	1,765.6	1,766.2	1,567.0	1,241.1	900.5
West Virginia	73.3	66.5	88.7	115.8	113.4	104.0	116.6	177.9	166.4
Wisconsin	166.0	200.8	181.9	204.8	223.2	263.5	271.7	294.5	307.7
Wyoming	34.0	25.1	14.5	23.5	29.0	38.5	57.4	29.8	41.4
Outlying areas	44.9	62.8	36.8	42.9	33.0	45.7	54.9	221.7	246.9
Offices abroad	34.6	35.9	59.2	78.2	54.2	43.4	31.7	21.0	24.4

NOTES: For each year, the data shown include the obligations of the 10 or 11 major R&D-supporting agencies which were requested to report to this section of the survey in that year, and represent 98 percent or more of the total Federal R&D obligations in that year.

Although the nongeographic historical tables incorporate corrections to previously reported data that have been submitted by the reporting agencies, corresponding corrections to the geographic distributions are rarely obtainable.

Because of rounding, detail may not add to totals.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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Table C-163. Federal obligations for R&D plant, by State: fiscal years 1973-83

[Dollars in millions]

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State	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	757.5	749.8	801.0	799.2	1,334.0	1,262.0	1,393.8	1,533.1	1,454.4	1,380.1	1,280.9
Alabama	5.1	5.6	8.4	12.3	5.3	6.5	2.6	47.9	16.5	5.8	6.0
Alaska	.5	.1	.9	.8	.6	.7	.8	.1	-	-	21.3
Arizona	.5	3.6	1.3	2.7	1.6	33.9	35.3	1.8	.4	.4	5.4
Arkansas	.2	.4	.7	.9	2.8	.9	.2	.7	.7	1.0	1.5
California	128.0	141.1	151.1	147.3	303.3	259.5	400.2	377.4	355.4	334.6	368.4
Colorado	21.9	7.9	4.9	12.0	12.7	11.6	9.7	35.6	26.9	16.6	43.9
Connecticut	2.4	5.2	3.8	1.9	3.9	2.3	12.3	1.0	9.2	25.1	5.5
Delaware	-	.1	.1	.0	-	-	.0	.7	1.6	.1	.4
District of Columbia	31.5	1.1	7.9	21.4	11.3	11.1	22.0	14.3	31.7	33.6	24.6
Florida	40.1	51.7	96.0	76.3	155.2	81.1	46.0	46.7	25.5	31.8	37.2
Georgia	.7	.1	.5	.2	1.2	1.8	1.0	.6	1.6	1.5	2.1
Hawaii	.4	.4	6.2	2.8	.5	.7	.5	.2	.7	.1	1.6
Idaho	6.3	11.0	16.2	19.7	26.1	35.6	41.8	45.1	11.9	21.4	19.7
Illinois	84.3	42.9	29.6	45.2	52.0	72.9	61.9	71.5	74.1	74.3	80.3
Indiana	.3	.1	.1	.8	.6	.4	.7	.7	.9	.6	1.3
Iowa	1.1	.5	.7	1.1	1.5	2.3	2.2	2.9	2.1	2.2	2.7
Kansas	.2	.1	-	.1	.1	.2	-	.1	.1	.1	.2
Kentucky	-	.2	.0	.0	.0	-	2.9	-	4.3	1.4	.4
Louisiana	.4	1.6	.3	2.3	3.6	20.9	16.7	12.6	14.1	22.2	2.4
Maine	-	.2	-	-	.1	.1	.1	-	-	-	-
Maryland	51.4	60.8	40.1	36.7	80.4	82.7	64.3	53.3	52.3	82.2	80.8
Massachusetts	8.4	9.5	11.0	14.0	24.4	28.7	36.9	20.4	35.7	23.3	29.4
Michigan	4.8	.2	.6	2.0	1.1	1.9	3.0	8.3	9.5	7.8	1.1
Minnesota	.5	23.4	.1	.5	.4	1.2	.8	.3	.5	.4	.8
Mississippi	13.0	15.2	4.8	4.1	11.5	6.0	3.8	6.6	3.4	5.9	6.4
Missouri	.3	.6	4.1	.5	.9	1.2	5.6	40.9	1.8	5.7	6.0
Montana	.1	.1	.3	.1	.8	-	1.2	3.7	.1	.1	.2
Nebraska	1.0	1.5	.4	1.0	.2	.3	.8	2.1	.6	.7	.5
Nevada	14.4	9.2	11.7	11.7	14.8	18.5	24.2	22.4	82.9	30.0	33.0
New Hampshire	.4	1.1	2.9	2.0	2.4	1.3	5.4	-	7.7	.1	.7
New Jersey	5.3	2.5	11.5	22.1	64.8	96.7	64.8	60.5	55.7	57.0	42.0
New Mexico	51.6	50.3	68.1	76.6	137.9	101.7	138.6	169.5	119.3	196.6	191.8
New York	81.8	77.1	46.4	37.5	61.0	63.8	69.4	91.4	85.1	65.0	77.0
North Carolina	4.8	4.1	.3	.6	66.8	3.5	3.9	8.2	1.2	1.4	4.1
North Dakota	.1	.2	.4	.5	.6	2.3	1.4	4.1	1.4	1.2	.9
Ohio	39.1	19.6	15.1	13.6	60.4	23.9	28.0	40.3	65.2	23.7	7.5
Oklahoma	.1	.1	.3	.2	.4	1.0	.6	3.2	2.7	1.2	1.3
Oregon	.1	.1	1.2	2.0	-	2.6	.9	3.9	1.0	.1	.2
Pennsylvania	12.6	21.8	18.9	11.0	8.1	28.8	46.5	35.5	95.2	51.1	19.2
Rhode Island	4.2	.7	4.9	4.5	5.3	2.4	3.5	2.6	1.6	2.1	1.9
South Carolina	3.4	7.7	3.8	3.3	2.2	6.9	9.7	3.1	18.8	65.2	49.6
South Dakota	1.5	.4	.0	.0	-	.1	1.6	3.1	.7	.9	.2
Tennessee	37.4	33.6	39.3	60.5	37.8	43.4	55.8	80.1	85.5	65.2	27.3
Texas	11.1	6.1	7.6	7.8	10.4	11.8	9.7	14.2	13.9	10.2	4.7
Utah	.5	4.1	2.1	.8	1.5	8.0	2.9	[illegible]	1.5	3.1	.5
Vermont	.1	1.0	.0	.0	.0	.0	-	.0	-	.0	.0
Virginia	7.0	14.0	23.1	11.6	24.7	29.3	42.0	41.5	33.9	21.1	29.4
Washington	47.8	102.1	146.5	103.1	113.4	118.3	86.8	128.2	89.0	80.8	12.0
West Virginia	4.2	.8	1.9	16.7	16.7	17.0	13.1	12.9	3.7	1.1	23.3
Wisconsin	1.1	6.9	2.9	4.9	.5	9.6	2.9	2.5	3.0	1.0	1.9
Wyoming	.2	-	.3	.2	.3	.9	1.2	4.3	2.0	1.2	.1
Outlying areas	1.4	.6	.5	.3	.1	1.7	.5	2.9	.7	.5	.2
Offices abroad	24.1	.2	1.1	1.0	1.9	3.9	7.1	1.1	1.3	1.4	1.7

NOTES: For each year, the data shown include the obligations of the 10 or 11 major R&D-supporting agencies which were requested to report to this section of the survey in that year, and represent 98 percent or more of the total Federal R&D obligations in that year.

Although the nongeographic historical tables incorporate corrections to previously reported data that have been submitted by the reporting agencies, corresponding corrections to the geographic distributions are rarely obtainable.

Because of rounding, detail may not add to totals.

KEY: - = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table C-163a. Federal obligations for R&D plant, by State: fiscal years 1984-92

[Dollars in millions]

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State	1984	1985	1986	1987	1988	1989	1990	1991	1992
Total	1,770.6	1,774.7	1,482.5	1,793.8	2,025.1	2,144.3	2,230.1	2,807.0	2,962.9
Alabama	26.4	41.4	41.2	42.8	51.8	47.2	109.7	165.0	346.1
Alaska	.1	12.9	.0	.0	6.4	.0	11.1	.2	.8
Arizona	3.6	2.9	1.7	19.6	21.8	18.1	2.5	16.4	7.9
Arkansas	.5	.5	.9	.5	.4	3.1	2.2	5.3	4.4
California	316.8	404.2	323.5	290.7	429.0	446.7	459.0	377.8	356.1
Colorado	52.3	32.4	16.3	12.8	53.5	62.5	32.3	50.7	55.6
Connecticut	5.2	8.4	1.2	.4	1.0	1.4	1.8	2.6	2.6
Delaware	.6	.4	.4	.4	1.3	.2	-	-	.1
District of Columbia	62.4	92.5	28.0	24.1	15.4	17.1	7.4	16.3	17.8
Florida	91.2	42.8	53.2	64.6	86.0	100.0	68.3	132.1	143.1
Georgia	3.8	2.6	15.6	23.1	2.7	10.8	3.6	6.0	6.4
Hawaii	.6	.9	.6	.6	6.9	.4	1.4	9.2	6.5
Idaho	11.9	8.3	24.7	17.8	39.6	12.0	30.3	46.0	39.6
Illinois	81.2	110.1	96.6	94.3	76.7	94.9	116.3	319.7	183.9
Indiana	2.8	4.5	.5	5.8	1.9	1.5	1.3	5.0	8.4
Iowa	3.5	1.4	3.3	22.7	3.8	6.2	10.4	26.1	5.2
Kansas	.3	2.3	41.0	49.8	.1	1.6	3.1	5.2	2.5
Kentucky	.3	.3	.3	1.7	.1	.5	.7	1.6	.0
Louisiana	2.6	2.0	2.2	2.5	31.9	47.2	33.6	26.1	26.2
Maine	-	-	-	-	.3	.1	.7	.7	1.5
Maryland	180.1	145.4	78.6	109.8	79.2	120.1	178.9	235.9	229.7
Massachusetts	62.8	66.1	17.7	36.3	94.2	54.7	78.2	32.5	20.2
Michigan	6.4	5.1	1.2	1.4	4.4	4.6	6.6	3.0	9.1
Minnesota	3.1	.8	1.1	.4	.7	1.8	1.1	2.1	2.5
Mississippi	13.7	12.6	13.5	39.1	19.1	41.1	47.4	50.8	41.6
Missouri	3.9	3.7	4.7	4.8	2.7	3.7	1.9	6.5	1.7
Montana	.2	.2	.2	.2	.2	.2	.5	1.6	2.7
Nebraska	.7	.4	7.3	1.4	4.1	2.8	4.1	6.0	5.7
Nevada	108.4	155.2	69.9	87.0	103.3	69.3	61.1	57.7	59.7
New Hampshire	.1	.4	.3	.2	-	.2	.3	.3	4.0
New Jersey	52.7	40.1	37.6	39.8	52.6	46.8	51.3	30.0	39.0
New Mexico	102.3	243.7	192.0	256.6	231.4	239.6	197.9	175.5	164.7
New York	175.0	75.3	105.0	113.4	115.3	101.6	100.6	107.2	194.5
North Carolina	3.6	10.4	2.2	3.4	.9	4.3	3.4	7.4	6.8
North Dakota	.9	1.3	8.8	.8	9.2	6.0	7.4	9.0	7.4
Ohio	49.6	46.5	19.2	58.1	68.5	69.8	56.3	115.4	122.2
Oklahoma	.9	1.7	2.3	.9	10.7	4.5	1.5	3.3	4.1
Oregon	3.4	1.2	12.0	24.7	8.6	30.1	12.3	3.3	1.8
Pennsylvania	20.1	18.7	19.0	41.4	56.3	79.0	36.0	89.5	52.0
Rhode Island	.7	31.6	5.5	6.4	2.0	1.6	.8	14.3	1.9
South Carolina	146.4	7.5	5.7	19.6	8.2	8.9	3.7	31.9	4.1
South Dakota	.1	.1	-	.1	.6	.3	1.7	2.0	1.5
Tennessee	69.9	33.8	30.8	29.3	57.2	58.8	62.4	63.2	48.1
Texas	9.6	19.4	79.7	75.1	40.7	97.6	210.6	218.0	465.7
Utah	2.0	2.4	13.6	14.2	6.8	12.1	2.5	3.5	1.5
Vermont	.0	.0	.0	1.0	8.0	1.4	.4	.8	.0
Virginia	52.2	26.7	45.5	89.4	105.5	127.4	128.7	175.5	172.4
Washington	13.6	32.7	26.4	24.8	31.2	35.5	44.2	34.5	54.3
West Virginia	4.8	11.4	10.2	16.5	23.2	26.7	12.4	89.4	9.7
Wisconsin	10.2	5.6	2.7	4.0	2.0	4.0	4.4	13.0	10.2
Wyoming	.3	.1	.1	.3	.2	.1	.2	.7	1.8
Outlying areas	3.3	1.4	13.9	18.2	46.5	1.5	14.9	11.0	6.9
Offices abroad	3.5	2.3	4.5	1.0	.9	16.8	.3	.5	.6

NOTES: For each year, the data shown include the obligations of the 10 or 11 major R&D-supporting agencies which were requested to report to this section of the survey in that year, and represent 98 percent or more of the total Federal R&D obligations in that year.

Although the nongeographic historical tables incorporate corrections to previously reported data that have been submitted by the reporting agencies, corresponding corrections to the geographic distributions are rarely obtainable.

Because of rounding, detail may not add to totals.

KEY: - = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

APPENDIX A.

AGENCIES INCLUDED IN THIS SURVEY, VOLUMES 23 TO 42

Table A-1. Agencies included in the Survey of Federal Funds for Research and Development: Volumes 23-32

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Agency	Vol 23	Vol 24	Vol 25	Vol 26	Vol 27	Vol 28	Vol 29	Vol 30	Vol 31	Vol 32
Department of Agriculture	T	T	T	T	T	T	T	T	T	T
Agricultural Cooperative Service	x	x	x	x	O	O	O	x	x	x
Agricultural Marketing Service	N	N	N	N	N	N	x	x	x	x
Agricultural Research Service	N	N	N	N	N	N	N	N	x	x
Animal and Plant Health Inspection Service	N	N	N	N	O	O	O	O	O	O
Cooperative State Research Service	N	N	N	N	N	N	N	N	x	x
Economics, Statistics, and Cooperative Service	N	N	N	N	x	x	x	N	N	N
Economic Research Service	O	O	x	x	N	N	N	N	N	N
Farmer Cooperative Research Service	O	O	x	x	N	N	N	N	N	N
Statistical Reporting Service	x	x	x	x	N	N	N	N	N	N
Economics and Statistics Service	N	N	N	N	N	N	N	x	N	N
Economic Research Service	N	N	N	N	N	N	N	N	x	x
Federal Grain Inspection Service	N	N	N	O	O	O	O	O	O	O
Forest Service	x	x	x	x	x	x	x	x	x	x
Human Nutrition Information Service	N	N	N	N	N	N	N	N	x	x
Office of International Cooperation and Development	N	N	N	N	N	N	x	x	x	x
Office of Transportation	N	N	N	N	N	N	x	x	x	x
Science and Education Administration	T	T	T	T	T	T	T	N	N	N
Agricultural Research Service	x	x	x	x	x	x	x	x	N	N
Cooperative State Research Service	x	x	x	x	x	x	x	x	N	N
National Agricultural Library	x	x	x	x	N	N	N	N	N	N
National Agricultural Statistics Service	x	x	x	x	N	N	N	N	x	x
Department of Commerce	T	T	T	T	T	T	T	T	T	T
Bureau of the Census	x	x	x	x	x	x	x	x	x	x
Economic Development Administration	x	x	x	x	x	x	x	x	x	x
Environmental Science Services Administration	N	N	N	N	N	N	N	N	N	N
Maritime Administration	x	x	x	x	x	x	x	x	N	N
National Institute of Standards and Technology	x	x	x	x	x	x	x	x	x	x
National Fire Prevention and Control Administration	O	O	x	x	x	N	N	N	N	N
National Oceanic and Atmospheric Administration	x	x	x	x	x	x	x	x	x	x
National Technical Information Service	N	N	x	x	O	O	O	O	O	O
National Telecommunications and Information Administration	N	N	N	N	x	x	x	x	x	x
Minority Business Development Agency	x	x	x	x	x	O	O	O	O	O
Office of Productivity, Technology, and Innovation	N	N	N	N	N	N	N	N	N	N
Office of Telecommunications	x	x	x	x	N	N	N	N	N	N
Office of the Secretary	O	O	O	O	O	O	x	x	O	x
Patent and Trademark Office	x	x	x	x	x	x	x	x	x	x
U.S. Travel and Tourism Administration	x	O	O	O	O	O	O	O	O	O
Department of Defense	T	T	T	T	T	T	T	T	T	T
Department of the Army	T	T	T	T	T	T	T	T	T	T
Department of the Army, Military Functions	x	x	x	x	x	x	x	x	x	x
Department of the Army, Civil Functions	x	x	x	x	x	x	x	x	x	x
Department of the Navy	x	x	x	x	x	x	x	x	x	x
Department of the Air Force	x	x	x	x	x	x	x	x	x	x
Defense Agencies	T	T	T	T	T	T	T	T	T	T
Joint Chiefs of Staff	O	O	O	O	O	O	O	O	O	O
Advanced Research Projects Agency	O	O	O	O	O	O	O	O	O	O
Washington Headquarters Service	O	O	O	O	O	O	O	O	O	O

See explanatory information and SOURCE at end of table.

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Table A-1. Agencies included in the Survey of Federal Funds for Research and Development: Volumes 23-32

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Agency	Vol 23	Vol 24	Vol 25	Vol 26	Vol 27	Vol 28	Vol 29	Vol 30	Vol 31	Vol 32
Department of Defense, Defense Agencies—Continued										
Ballistic Missile Defense Organization	O	O	O	O	O	O	O	O	O	O
Defense Nuclear Agency	O	O	O	O	O	O	O	O	O	O
Defense Mapping Agency	x	x	x	O	O	x	x	x	x	x
Defense Information Systems Agency	x	x	x	O	O	O	O	O	O	O
Uniformed Services University of the Health Sciences	x	x	x	x	x	x	x	x	x	x
Special Foreign Currency Program/Operations Command	O	O	O	O	O	O	O	O	O	O
Defense Logistics Agency	O	O	O	O	O	O	O	O	O	O
Defense Civil Preparedness Agency	x	x	x	x	x	x	N	N	N	N
Test and Evaluation, Deputy Under Secretary Defense	x	x	x	x	x	x	x	x	x	x
Director, Operational Test and Evaluation	N	N	N	N	N	N	N	N	N	N
Assistant Secretary of Defense for Health Affairs	N	N	N	N	N	N	N	N	N	N
Department of Health, Education, and Welfare	T	T	T	T	T	T	N	N	N	N
Alcohol, Drug Abuse, and Mental Health Administration	x	x	x	x	x	x	N	N	N	N
Environmental Health Service	O	O	O	O	O	O	N	N	N	N
Centers for Disease Control	x	x	x	x	x	x	N	N	N	N
Food and Drug Administration	x	x	x	x	x	x	N	N	N	N
Health Care Financing Administration	N	N	N	N	x	x	N	N	N	N
Health Resources Administration	x	x	x	x	x	x	N	N	N	N
Health Services Administration	x	x	x	x	x	x	N	N	N	N
Health Services and Mental Health Administration	N	N	N	N	N	N	N	N	N	N
Office of Human Development Services	x	x	x	x	x	x	N	N	N	N
National Institute of Education	x	x	x	x	x	x	N	N	N	N
National Institutes of Health	x	x	x	x	x	x	N	N	N	N
Office of Assistant Secretary for Education	O	O	x	x	x	x	N	N	N	N
Office of Assistant Secretary for Health	O	O	O	O	x	x	N	N	N	N
Office of Child Development	N	N	N	N	N	N	N	N	N	N
Office of Education	x	x	x	x	x	x	N	N	N	N
Office of International Health	x	x	N	N	N	N	N	N	N	N
Office of the Secretary	O	x	x	x	x	x	N	N	N	N
Social and Rehabilitation Service	x	x	x	x	N	N	N	N	N	N
Social Security Administration	x	x	x	x	x	x	N	N	N	N
Department of Housing and Urban Development	x	x	x	x	x	x	x	x	x	x
Department of the Interior	T	T	T	T	T	T	T	T	T	T
Bonneville Power Administration	x	x	x	x	O	O	O	O	x	N
Bureau of Land Management	x	x	x	x	x	x	x	x	x	x
Bureau of Mines	x	x	x	x	x	x	x	x	x	x
Federal Water Pollution Control Administration	N	N	N	N	N	N	N	N	N	N
Bureau of Reclamation	x	x	x	x	x	x	x	x	x	x
Geological Survey	x	x	x	x	x	x	x	x	x	x
Minerals Management Service	N	N	N	N	N	N	N	N	N	O
Heritage Conservation and Recreation Service	x	x	x	x	x	N	N	N	N	N
National Park Service	x	x	x	x	x	x	x	x	x	x
National Resources Library	N	N	O	O	N	N	N	N	N	N
Office of Coal Research	x	N	N	N	N	N	N	N	N	N
Office of the Secretary	x	x	x	x	x	x	x	x	x	x
Office Surface Mining Reclamation and Enforcement	N	N	N	N	x	x	x	x	x	x

See explanatory information and SOURCE at end of table.

Table A-1. Agencies included in the Survey of Federal Funds for Research and Development: Volumes 23-32

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Agency	Vol 23	Vol 24	Vol 25	Vol 26	Vol 27	Vol 28	Vol 29	Vol 30	Vol 31	Vol 32
Department of the Interior—Continued										
Office of Water Research and Technology	T	x	x	x	x	x	x	x	x	x
Office of Saline Water	N	N	N	N	N	N	N	N	N	N
Office of Water Resources Research	x	N	N	N	N	N	N	N	N	N
U.S. Fish and Wildlife Service	x	x	x	x	x	x	x	x	x	x
Bureau of Commercial Fisheries	N	N	N	N	N	N	N	N	N	N
Bureau of Sport Fisheries and Wildlife	N	N	N	N	N	N	N	N	N	N
Department of Justice	T	T	T	T	T	T	T	T	T	T
Bureau of Prisons	x	x	x	x	x	x	x	x	x	x
Drug Enforcement Administration	x	x	x	x	x	x	x	x	x	x
Federal Bureau of Investigation	x	x	x	x	x	x	x	x	x	x
Immigration and Naturalization Service	O	O	x	x	x	x	x	x	x	x
Office of Justice Programs	x	x	x	x	x	x	x	x	x	x
Office of Legal Policy	O	O	O	x	x	x	x	x	x	x
Department of Labor	T	T	T	T	T	T	T	T	T	T
Bureau of Apprenticeship and Training	N	N	N	N	N	N	N	N	N	N
Bureau of Employment Security	N	N	N	N	N	N	N	N	N	N
Bureau of Labor Statistics	x	x	x	x	x	x	x	x	x	x
Employment Standards Administration	x	x	x	x	x	x	x	x	x	x
Employment and Training Administration	x	x	x	x	x	x	x	x	x	x
Labor-Management Relations and Cooperative Programs	N	N	N	N	N	N	N	N	N	N
Labor-Management Services Administration	x	x	x	x	x	x	x	x	x	x
Occupational Safety and Health Administration	x	x	x	x	x	x	x	x	x	x
Office of the Secretary	x	x	x	x	x	x	x	x	x	x
Pension and Welfare Benefits Administration	N	N	N	N	N	N	N	N	N	N
Pension Benefit Guarantee Corporation	N	N	N	N	N	N	N	N	x	x
Wage and Hour Division	O	O	O	O	O	O	O	O	O	O
Department of State	T	T	T	T	T	T	T	T	T	x
Agency for International Development	x	x	x	x	x	x	N	N	N	N
Bureau of Intelligence and Research	O	O	O	O	O	O	O	O	O	O
Departmental Funds	x	x	x	x	x	x	x	x	x	O
Peace Corps	N	N	N	N	N	N	N	N	N	N
Department of Transportation	T	T	T	T	T	T	T	T	T	T
Coast Guard	x	x	x	x	x	x	x	x	x	x
Federal Aviation Administration	x	x	x	x	x	x	x	x	x	x
Federal Highway Administration	x	x	x	x	x	x	x	x	x	x
Federal Railroad Administration	x	x	x	x	x	x	x	x	x	x
Maritime Administration	N	N	N	N	N	N	N	N	x	x
National Highway Traffic Safety Administration	x	x	x	x	x	x	x	x	x	x
Office of the Secretary	x	x	x	x	x	x	x	x	x	x
Research and Special Programs Administration	N	N	N	N	O	x	x	x	x	x
Federal Transit Administration	x	x	x	x	x	x	x	x	x	x
Department of the Treasury	T	T	T	T	T	T	T	T	T	T
Bureau of Alcohol, Tobacco, and Firearms	O	O	O	O	x	x	x	x	x	N
Bureau of Engraving and Printing	x	x	x	x	x	x	x	x	x	x
Financial Crimes Enforcement Network	O	O	O	O	O	O	O	O	O	O
U.S. Customs Service	O	O	O	x	x	x	x	x	x	x

See explanatory information and SOURCE at end of table.

Table A-1. Agencies included in the Survey of Federal Funds for Research and Development: Volumes 23-32

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Agency	Vol 23	Vol 24	Vol 25	Vol 26	Vol 27	Vol 28	Vol 29	Vol 30	Vol 31	Vol 32
Department of the Treasury—Continued										
Internal Revenue Service	O	O	O	O	O	x	x	x	x	x
United States Mint	O	O	O	O	O	O	O	O	O	O
U.S. Secret Service	N	N	N	N	N	N	N	x	x	x
Office of Thrift Supervision	N	N	N	N	N	N	N	N	N	N
Department of Energy	N	N	N	N	x	x	x	x	x	x
Department of Education	N	N	N	N	N	N	x	x	x	x
Department of Health and Human Services	N	N	N	N	N	N	T	T	T	T
Alcohol, Drug Abuse, and Mental Health Administration	N	N	N	N	N	N	x	x	x	x
Centers for Disease Control	N	N	N	N	N	N	x	x	x	x
Food and Drug Administration	N	N	N	N	N	N	x	x	x	x
Health Care Financing Administration	N	N	N	N	N	N	x	x	x	x
Health Resources Administration	N	N	N	N	N	N	x	x	x	N
Health Resources and Services Administration	N	N	N	N	N	N	N	N	N	x
Health Services Administration	N	N	N	N	N	N	x	x	x	N
Human Development Services	N	N	N	N	N	N	x	x	x	x
National Institutes of Health	N	N	N	N	N	N	x	x	x	x
Office of the Assistant Secretary for Health	N	N	N	N	N	N	x	x	x	x
Agency for Health Care Policy and Research	N	N	N	N	N	N	N	N	N	N
Office of the Secretary	N	N	N	N	N	N	x	x	x	x
Social Security Administration	N	N	N	N	N	N	x	x	x	x
Administration for Children and Families	N	N	N	N	N	N	N	N	N	N
Administration on Aging	N	N	N	N	N	N	N	N	N	N
Other agencies										
ACTION	O	x	x	x	x	x	x	O	O	O
Advisory Commission on Intergovernmental Relations	x	x	x	x	x	x	x	x	x	x
Appalachian Regional Commission	N	N	N	x	x	x	x	x	x	x
Atomic Energy Commission	x	N	N	N	N	N	N	N	N	N
Civil Aeronautics Board	O	O	O	O	O	O	O	N	N	N
Civil Service Commission	x	x	x	x	x	N	N	N	N	N
Community Services Administration	N	x	x	x	x	x	x	x	x	N
Consumer Product Safety Commission	x	x	x	x	x	x	x	x	x	x
Energy Research and Development Administration	N	x	x	x	N	N	N	N	N	N
Energy Security Trust Fund	N	N	N	N	N	N	x	N	N	N
Environmental Protection Agency	x	x	x	x	x	x	x	x	x	x
Federal Communications Commission	x	x	x	x	x	x	x	x	x	x
Federal Emergency Management Agency	N	N	N	N	N	x	x	x	x	x
Federal Energy Administration	N	O	x	x	N	N	N	N	N	N
Federal Home Loan Bank Board	x	x	x	x	x	x	x	x	x	x
Office of Thrift Supervision	x	x	x	x	x	x	x	x	x	x
Federal Trade Commission	x	x	x	x	x	x	x	x	x	x
General Services Administration	x	x	x	x	x	x	x	x	x	x
United States Information Agency	x	x	x	x	x	x	x	x	x	x
Agency for International Development	N	N	N	N	N	N	x	x	x	x
Interstate Commerce Commission	O	O	O	x	x	x	x	x	O	O
Library of Congress	x	x	x	x	x	x	x	x	x	x
National Aeronautics and Space Administration	x	x	x	x	x	x	x	x	x	x
National Archives and Records Administration	N	N	N	N	N	N	N	N	N	N
National Science Foundation	x	x	x	x	x	x	x	x	x	x

See explanatory information and SOURCE at end of table.

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Table A-1. Agencies included in the Survey of Federal Funds for Research and Development: Volumes 23-32

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Agency	Vol 23	Vol 24	Vol 25	Vol 26	Vol 27	Vol 28	Vol 29	Vol 30	Vol 31	Vol 32
Other agencies – Continued										
Nuclear Regulatory Commission	N	x	x	x	x	x	x	x	x	x
Office of Economic Opportunity	x	N	N	N	N	N	N	N	N	N
Office of Emergency Preparedness	N	N	N	N	N	N	N	N	N	N
Office of Personnel Management	N	N	N	N	N	x	x	x	x	O
Office of Science and Technology	N	N	N	N	N	N	N	N	N	N
Office of Telecommunications Policy	x	x	x	x	N	N	N	N	N	N
Postal Service	O	O	O	O	O	O	O	O	O	O
Small Business Administration	O	O	x	x	x	O	O	O	O	O
Smithsonian Institution	x	x	x	x	x	x	x	x	x	x
Special Action Office for Drug Abuse Prevention	x	x	x	N	N	N	N	N	N	N
Tennessee Valley Authority	x	x	x	x	x	x	x	x	x	x
U.S. Arms Control and Disarmament Agency	x	x	x	x	x	x	x	x	x	x
U.S. International Trade Commission	O	O	O	x	x	x	x	x	x	x
Department of Veteran Affairs	x	x	x	x	x	x	x	x	x	x

NOTE: Federal Funds data, as collected, always span 3 Government fiscal years: the fiscal year just completed, the current fiscal year, and the President's budget year. Actual data are collected for the year just completed, and estimates are obtained for the current fiscal year and the budget year. For Volume 42, for example, actual data were collected for FY 1992 and estimates were collected for FY 1993 and FY 1994.

KEY:

N = The agency did not exist as such; therefore no data are available.
O = The agency existed but had no R&D to report.
T = The agency existed but data were not collected at this level.
x = The agency existed and data were collected and submitted by the agency.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table A-2. Agencies included in the Survey of Federal Funds for Research and Development: Volumes 33-42

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Agency	Vol 33	Vol 34	Vol 35	Vol 36	Vol 37	Vol 38	Vol 39	Vol 40	Vol 41	Vol 42
Department of Agriculture	T	T	T	T	T	T	T	T	T	T
Agricultural Cooperative Service	x	x	x	x	x	x	x	x	x	x
Agricultural Marketing Service	x	x	x	x	x	x	x	x	x	x
Agricultural Research Service	x	x	x	x	x	x	x	x	x	x
Animal and Plant Health Inspection Service	O	O	O	x	x	x	x	x	x	x
Cooperative State Research Service	x	x	x	x	x	x	x	x	x	x
Economics, Statistics, and Cooperative Service	N	N	N	N	N	N	N	N	N	N
Economic Research Service	N	N	N	N	N	N	N	N	N	N
Farmer Cooperative Research Service	N	N	N	N	N	N	N	N	N	N
Statistical Reporting Service	N	N	N	N	N	N	N	N	N	N
Economics and Statistics Service	N	N	N	N	N	N	N	N	N	N
Economic Research Service	x	x	x	x	x	x	x	x	x	x
Federal Grain Inspection Service	O	O	x	x	x	x	x	x	x	x
Forest Service	x	x	x	x	x	x	x	x	x	x
Human Nutrition Information Service	x	x	x	x	x	x	x	x	x	x
Office of International Cooperation and Development	x	x	x	x	x	x	x	x	x	x
Office of Transportation	x	x	x	x	x	x	N	N	N	N
Science and Education Administration	N	N	N	N	N	N	N	N	N	N
Agricultural Research Service	N	N	N	N	N	N	N	N	N	N
Cooperative State Research Service	N	N	N	N	N	N	N	N	N	N
National Agricultural Library	N	N	N	N	N	N	N	N	N	N
National Agricultural Statistics Service	x	x	x	x	x	x	x	x	x	x
Department of Commerce	T	T	T	T	T	T	T	T	T	T
Bureau of the Census	x	x	x	x	x	x	x	x	x	x
Economic Development Administration	x	x	x	x	x	x	x	x	x	x
Energy Research and Technology Administration	N	N	N	N	N	N	N	N	N	N
Environmental Science Services Administration	N	N	N	N	N	N	N	N	N	N
Maritime Administration	N	N	N	N	N	N	N	N	N	N
National Institute of Standards and Technology	x	x	x	x	x	x	x	x	x	x
National Fire Prevention and Control Administration	N	N	N	N	N	N	N	N	N	N
National Oceanic and Atmospheric Administration	x	x	x	x	x	x	x	x	x	x
National Technical Information Service	O	O	O	O	O	O	O	O	O	O
National Telecommunications and Information Administration	x	x	x	x	x	x	x	x	x	x
Minority Business Development Agency	O	O	O	O	O	O	O	O	O	O
Office of Productivity, Technology, and Innovation	N	N	N	N	N	N	N	N	N	N
Office of Telecommunications	N	N	N	N	N	N	N	N	N	N
Office of the Secretary	x	x	x	x	x	O	O	O	O	O
Patent and Trademark Office	O	O	O	O	O	O	O	O	O	O
U.S. Travel and Tourism Administration	O	O	O	O	O	O	O	O	O	O
Department of Defense	T	T	T	T	T	T	T	T	T	T
Department of the Army	T	T	T	T	T	T	T	T	T	T
Department of the Army, Military Functions	x	x	x	x	x	x	x	x	x	x
Department of the Army, Civil Functions	x	x	x	x	x	x	x	x	x	x

See explanatory information and SOURCE at end of table.

Table A-2. Agencies included in the Survey of Federal Funds for Research and Development: Volumes 33-42

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Agency	Vol 33	Vol 34	Vol 35	Vol 36	Vol 37	Vol 38	Vol 39	Vol 40	Vol 41	Vol 42
Department of Defense, Defense Agencies—Continued										
Department of the Navy	x	x	x	x	x	x	x	x	x	x
Department of the Air Force	x	x	x	x	x	x	x	x	x	x
Defense Agencies	T	T	T	T	T	T	T	T	T	T
Joint Chiefs of Staff	O	O	O	O	x	x	x	x	x	x
Advanced Research Projects Agency	O	O	O	O	x	x	x	x	x	x
Washington Headquarters Service	O	O	O	O	O	O	O	x	x	x
Ballistic Missile Defense Organization	O	O	O	O	O	O	O	x	x	x
Defense Nuclear Agency	O	O	O	x	x	x	x	x	x	x
Defense Mapping Agency	O	x	x	x	x	x	x	x	x	x
Defense Information Systems Agency	O	O	O	O	O	O	O	x	x	x
Uniformed Services University of the Health Sciences	x	x	x	x	x	x	x	x	x	x
Special Foreign Currency Program/Operations Command	x	x	x	x	x	x	x	x	x	x
Defense Logistics Agency	O	O	O	O	x	x	x	x	x	x
Defense Civil Preparedness Agency	N	N	N	N	N	N	N	N	N	N
Test and Evaluation, Deputy Under Secretary Defense	x	x	x	x	x	x	x	x	x	x
Director, Operational Test and Evaluation	N	N	N	O	x	x	x	x	x	x
Assistant Secretary of Defense for Health Affairs	N	N	N	N	N	N	N	N	x	O
Department of Health, Education, and Welfare	N	N	N	N	N	N	N	N	N	N
Alcohol, Drug Abuse, and Mental Health Administration	N	N	N	N	N	N	N	N	N	N
Environmental Health Service	N	N	N	N	N	N	N	N	N	N
Centers for Disease Control	N	N	N	N	N	N	N	N	N	N
Food and Drug Administration	N	N	N	N	N	N	N	N	N	N
Health Care Financing Administration	N	N	N	N	N	N	N	N	N	N
Health Resources Administration	N	N	N	N	N	N	N	N	N	N
Health Services Administration	N	N	N	N	N	N	N	N	N	N
Health Services and Mental Health Administration	N	N	N	N	N	N	N	N	N	N
Office of Human Development Services	N	N	N	N	N	N	N	N	N	N
National Institute of Education	N	N	N	N	N	N	N	N	N	N
National Institutes of Health	N	N	N	N	N	N	N	N	N	N
Office of Assistant Secretary for Education	N	N	N	N	N	N	N	N	N	N
Office of Assistant Secretary for Health	N	N	N	N	N	N	N	N	N	N
Office of Child Development	N	N	N	N	N	N	N	N	N	N
Office of Education	N	N	N	N	N	N	N	N	N	N
Office of International Health	N	N	N	N	N	N	N	N	N	N
Office of the Secretary	N	N	N	N	N	N	N	N	N	N
Social and Rehabilitation Service	N	N	N	N	N	N	N	N	N	N
Social Security Administration	N	N	N	N	N	N	N	N	N	N
Department of Housing and Urban Development	x	x	x	x	x	x	x	x	x	x
Department of the Interior	T	T	T	T	T	T	T	T	T	T
Bonneville Power Administration	N	N	N	N	N	N	N	N	N	N
Bureau of Land Management	x	x	x	x	x	x	x	x	x	x
Bureau of Mines	x	x	x	x	x	x	x	x	x	x
Federal Water Pollution Control Administration	N	N	N	N	N	N	N	N	N	N

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Table A-2. Agencies included in the Survey of Federal Funds for Research and Development: Volumes 33-42

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Agency	Vol 33	Vol 34	Vol 35	Vol 36	Vol 37	Vol 38	Vol 39	Vol 40	Vol 41	Vol 42
Department of the Interior—Continued										
Bureau of Reclamation	x	x	x	x	x	x	x	x	x	x
Geological Survey	x	x	x	x	x	x	x	x	x	x
Minerals Management Service	x	x	x	x	x	x	x	x	x	x
Heritage Conservation and Recreation Service	N	N	N	N	N	N	N	N	N	N
National Park Service	x	x	x	x	x	x	x	x	x	x
National Resources Library	N	N	N	N	N	N	N	N	N	N
Office of Coal Research	N	N	N	N	N	N	N	N	N	N
Office of the Secretary	x	x	x	x	x	x	x	x	x	x
Office Surface Mining Reclamation and Enforcement	x	x	x	x	x	x	x	x	x	x
Office of Water Research and Technology	x	x	N	N	N	N	N	N	N	N
Office of Saline Water	N	N	N	N	N	N	N	N	N	N
Office of Water Resources Research	N	N	N	N	N	N	N	N	N	N
U.S. Fish and Wildlife Service	x	x	x	x	x	x	x	x	x	x
Bureau of Commercial Fisheries	N	N	N	N	N	N	N	N	N	N
Bureau of Sport Fisheries and Wildlife	N	N	N	N	N	N	N	N	N	N
Department of Justice	T	T	T	T	T	T	T	T	T	T
Bureau of Prisons	x	x	x	x	x	x	x	x	x	x
Drug Enforcement Administration	x	x	x	x	x	x	x	x	x	x
Federal Bureau of Investigation	x	x	x	x	x	x	x	x	x	x
Immigration and Naturalization Service	x	x	x	x	x	x	x	x	x	x
Office of Justice Programs	x	x	x	x	x	x	x	x	x	x
Office of Legal Policy	x	O	x	x	x	O	O	O	O	O
Department of Labor	T	T	T	T	T	T	T	T	T	T
Bureau of Apprenticeship and Training	N	N	N	N	N	N	N	N	N	N
Bureau of Employment Security	N	N	N	N	N	N	N	N	N	N
Bureau of Labor Statistics	x	x	x	x	x	x	x	x	x	x
Employment Standards Administration	x	x	x	x	x	x	x	x	O	O
Employment and Training Administration	x	x	x	x	x	x	x	x	x	x
Labor-Management Relations and Cooperative Programs	N	x	x	x	x	x	x	N	N	N
Labor-Management Services Administration	x	N	N	N	N	N	N	N	N	N
Occupational Safety and Health Administration	x	x	x	x	x	x	x	x	x	x
Office of the Secretary	x	x	x	x	x	x	x	x	x	x
Pension and Welfare Benefits Administration	N	x	x	x	x	x	x	x	x	x
Pension Benefit Guarantee Corporation	x	x	x	x	x	x	x	x	x	x
Wage and Hour Division	O	O	O	O	O	O	O	O	O	O
Department of State	x	x	x	x	x	x	x	x	x	x
Agency for International Development	N	N	N	N	N	N	N	N	N	N
Bureau of Intelligence and Research	O	O	O	O	O	O	O	O	O	O
Departmental Funds	O	O	O	O	O	O	O	O	O	x
Peace Corps	N	N	N	N	N	N	N	N	N	N
Department of Transportation	T	T	T	T	T	T	T	T	T	T
Coast Guard	x	x	x	x	x	x	x	x	x	x
Federal Aviation Administration	x	x	x	x	x	x	x	x	x	x
Federal Highway Administration	x	x	x	x	x	x	x	x	x	x
Federal Railroad Administration	x	x	x	x	x	x	x	x	x	x

See explanatory information and SOURCE at end of table.

Table A-2. Agencies included in the Survey of Federal Funds for Research and Development: Volumes 33-42

Agency	Vol 33	Vol 34	Vol 35	Vol 36	Vol 37	Vol 38	Vol 39	Vol 40	Vol 41	Vol 42
Department of Transportation—Continued										
Maritime Administration	x	x	x	x	x	x	O	x	x	x
National Highway Traffic Safety Administration	x	x	x	x	x	x	x	x	x	x
Office of the Secretary	x	x	x	x	x	x	x	x	x	x
Research and Special Programs Administration	x	x	x	x	x	x	x	x	x	x
Federal Transit Administration	x	x	x	x	x	x	x	x	x	x
Department of the Treasury	T	T	T	T	T	T	T	T	T	T
Bureau of Alcohol, Tobacco, and Firearms	N	N	N	N	N	N	N	N	N	N
Bureau of Engraving and Printing	x	x	x	x	x	x	x	x	x	x
Financial Crimes Enforcement Network	O	O	O	O	O	O	O	O	x	x
U.S. Customs Service	x	x	x	x	x	x	x	x	x	x
Internal Revenue Service	x	x	x	x	x	x	x	x	x	x
United States Mint	O	x	x	x	x	x	x	x	x	x
Office of Protective Research	x	x	x	x	x	x	x	x	x	x
Office of Thrift Supervision	N	N	N	N	N	N	N	O	x	x
Department of Energy	x	x	x	x	x	x	x	x	x	x
Department of Education	x	x	x	x	x	x	x	x	x	x
Department of Health and Human Services	T	T	T	T	T	T	T	T	T	T
Alcohol, Drug Abuse, and Mental Health Administration	x	x	x	x	x	x	x	x	x	O
Centers for Disease Control	x	x	x	x	x	x	x	x	x	x
Food and Drug Administration	x	x	x	x	x	x	x	x	x	x
Health Care Financing Administration	x	x	x	x	x	x	x	x	x	x
Health Resources Administration	N	N	N	N	N	N	N	N	N	N
Health Resources and Services Administration	x	x	x	x	x	x	x	x	x	x
Health Services Administration	N	N	N	N	N	N	N	N	N	N
Human Development Services	x	x	x	x	x	x	x	x	N	N
Department of Health and Human Services—Continued										
National Institutes of Health	x	x	x	x	x	x	x	x	x	x
Office of the Assistant Secretary for Health	x	x	x	x	x	x	x	x	x	x
Agency for Health Care Policy and Research	N	N	N	N	N	N	N	x	x	x
Office of the Secretary	x	x	x	x	x	x	x	x	x	x
Social Security Administration	x	x	x	x	x	x	x	x	x	x
Administration for Children and Families	N	N	N	N	N	N	N	O	x	x
Administration on Aging	N	N	N	N	N	N	N	N	x	x
Other agencies										
ACTION	O	O	O	O	O	O	O	O	O	O
Advisory Commission on Intergovernmental Relations	x	x	x	x	x	x	x	x	x	x
Appalachian Regional Commission	x	x	x	x	x	x	x	x	x	x
Atomic Energy Commission	N	N	N	N	N	N	N	N	N	N
Civil Aeronautics Board	N	N	N	N	N	N	N	N	N	N
Civil Service Commission	N	N	N	N	N	N	N	N	N	N
Community Services Administration	N	N	N	N	N	N	N	N	N	N
Consumer Product Safety Commission	x	x	x	x	x	x	x	x	x	x
Energy Research and Development Administration	N	N	N	N	N	N	N	N	N	N
Energy Security Trust Fund	N	N	N	N	N	N	N	N	N	N
Environmental Protection Agency	x	x	x	x	x	x	x	x	x	x
Federal Communications Commission	x	x	x	x	x	x	x	x	x	x
Federal Emergency Management Agency	x	x	x	O	O	O	O	O	O	O
Federal Energy Administration	N	N	N	N	N	N	N	N	N	N
Federal Home Loan Bank Board	x	x	x	x	x	x	N	N	N	N

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Table A-2. Agencies included in the Survey of Federal Funds for Research and Development: Volumes 33-42

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Agency	Vol 33	Vol 34	Vol 35	Vol 36	Vol 37	Vol 38	Vol 39	Vol 40	Vol 41	Vol 42
Other agencies—Continued										
Office of Thrift Supervision	N	N	N	N	N	N	x	x	N	N
Federal Trade Commission	x	x	x	x	x	x	x	x	x	x
General Services Administration	x	x	x	x	x	x	x	x	x	x
United States Information Agency	x	x	x	x	x	x	x	x	x	x
Agency for International Development	x	x	x	x	x	x	x	x	x	x
Interstate Commerce Commission	O	O	O	O	O	O	O	O	O	O
Library of Congress	x	x	x	x	x	x	x	x	x	x
National Aeronautics and Space Administration	x	x	x	x	x	x	x	x	x	x
National Archives and Records Administration	N	N	x	x	x	x	x	x	x	x
National Science Foundation	x	x	x	x	x	x	x	x	x	x
Nuclear Regulatory Commission	x	x	x	x	x	x	x	x	x	x
Office of Economic Opportunity	N	N	N	N	N	N	N	N	N	N
Office of Emergency Preparedness	N	N	N	N	N	N	N	N	N	N
Office of Personnel Management	O	O	O	O	O	O	O	O	O	O
Office of Science and Technology	N	N	N	N	N	N	N	N	N	N
Office of Telecommunications Policy	N	N	N	N	N	N	N	N	N	N
Postal Service	O	O	O	O	O	O	O	O	O	O
Small Business Administration	O	O	O	O	O	O	O	O	O	O
Smithsonian Institution	x	x	x	x	x	x	x	x	x	x
Special Action Office for Drug Abuse Prevention	N	N	N	N	N	N	N	N	N	N
Tennessee Valley Authority	x	x	x	x	x	x	x	x	x	x
U.S. Arms Control and Disarmament Agency	x	x	x	x	x	x	x	x	x	x
U.S. International Trade Commission	x	x	x	x	x	x	x	x	x	x
Department of Veteran Affairs	x	x	x	x	x	x	x	x	x	x

NOTE: Federal Funds data, as collected, always span 3 Government fiscal years: the fiscal year just completed, the current fiscal year, and the President's budget year. Actual data are collected for the year just completed, while estimates are obtained for the current fiscal year and the budget year. For Volume 42, for example, actual data were collected for FY 1992 and estimates were collected for FY 1993 and FY 1994.

KEY:
N = The agency did not exist as such; therefore no data are available.
O = The agency existed but had no R&D to report.
T = The agency existed but data were not collected at this level.
x = The agency existed and data were collected and submitted by the agency.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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